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United States Department of Agriculture
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1944[1]

(List of Pests Recorded During the Period July 1, 1943, to June 30, 1944, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the thirty-first year for which lists of pest interceptions have been issued, and summarizes the records of pests found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Determinations of insects and plant diseases intercepted near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau, and those of hosts and fungi by specialists in the Bureau of Plant Industry, Soils, and Agricultural Engineering to conform to the international rules of nomenclature.

Statements as to the origin of plant materials inspected cannot always be verified, but the collectors make every reasonable effort to obtain the correct origin.

It is impractical to inspect all mail packages of material sent home by service personnel located in foreign countries, but such inspection as was possible during the year indicated that these shipments involved considerable risk of pest introduction. The expansion of air transportation may tend to decrease the size of shipments of plant material, but it will also decrease the likelihood that incipient infections will develop sufficiently en route to be detected at the time of inspection.

SPECIMENS FROM AIRPLANE-CARRIED MATERIAL

The increasing use of airplanes has given added importance to this method of transportation as a possible means of introducing new insect pests and new plant diseases, or additional destructive strains of pathogens already here. Although a relatively small proportion of the plant material inspected was carried by planes during the year, 1,237 interceptions of insects and 44 of plant-disease organisms were made from material thus carried. Some of the insects were mosquitoes and other "hitchhikers" that might affect public health. Among the insects found were 13 larvae of the Mediterranean fruitfly (*Ceratitis capitata*) in an orange in baggage from Africa; 2 larvae of *Anastrepha ludens* in one orange and 3 larvae in another, both collected in baggage from Mexico, and 121 larvae of *A. ludens* from 10 oranges from Guatemala, in ships' stores; 5 larvae of *Anastrepha* sp. (probably *A. serpentina*) from sapodilla fruit in baggage from Colombia; *Anastre-*

[1] Compiled by N. Rex Hunt, pathologist, Judith Hunt, scientific aid, and H. L. Sanford, entomologist, Division of Foreign Plant Quarantines.

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pha sp. in an orange in stores from Brazil, in a pomegranate in baggage from Colombia, and in a fruit of *Syzygium jambos* in baggage from Venezuela; eggs of *Acanthoscelides dominicanus* (Bruchidae) on seeds of *Caesalpinia coriaria* in cargo from Venezuela; citrus blackfly (*Aleurocanthus woglumi*) on foliage of grapefruit in baggage from Cuba; pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Dominican Republic; and various scale insects, thrips, and many others. Very few of the insects collected in airplane-carried material were in, on, or with material for propagation.

Of the 44 collections of pathogens, 35 were from material offered for entry for propagation. Among these pathogens on propagating material were *Fusarium moniliforme*, causing a rot of seed corn in cargo from Brazil; *Sphenospora* sp., an undescribed orchid rust in express from Venezuela; various pathogens infecting orchids and other ornamentals from Central and South America and the West Indies; seeds of mangosteen in express from the Canal Zone; and seeds of *Vigna unguiculata* in baggage from Barbados. These records indicate that even small lots of (presumably) carefully selected material being transported at relatively high cost may be infected.

SPECIMENS FROM SERVICE MAIL

For reasons of national security, data accompanying specimens found in mail from our armed forces are usually very vague. The large increase in foreign mail has made it impossible with the limited personnel available to inspect more than a relatively few of such packages. Even so, approximately one-third of the 322 collections of insects found in mail were from war areas. These collections included *Anuraphis tulipae* (Aphiidae), *Aspidiotus cyanophylli* (Coccidae), *A. lataniae* (Coccidae), *Bruchus rufimanus* (Bruchidae), *Coccus viridis* (Coccidae), *Corcyra cephalonica* (Galleriidae), *Dacus oleae* (?) (Tephritidae), *Diaspis carueli* (Coccidae), *Furcaspis biformis* (Coccidae), *Gnathocerus cornutus* (Tenebrionidae), *Heterobostrychus aequalis* (Bostrichidae), *Leucaspis cockerelli* (Coccidae), *Lyctocoris campestris* (Anthocoridae), *Monanus concinnulus* (Cucujidae) and *Pectinophora gossypiella* (Gelechiidae). Approximately half of the 137 lots of diseased plant materials found in mail came from war areas, and most of these were in mail definitely reported as from the armed services. Among the collections from service mail were the cereal rusts *Puccinia anomala* on barley, *P. coronata* on oats, and *P. glumarum* and *P. rubigo-vera* on wheat; and the smuts *Ustilago hordei* on barley and *U. tritici* on wheat. Such material might introduce new and destructive strains or races of these rusts and smuts. Other pathogens in service mail included *Bacterium savastanoi* on olive, *Botrytis narcissicola* on narcissus, *Cytospora palmicola* on coconut, *Ditylenchus dipsaci* on narcissus, *Endocalyx melanoxanthus* on cocorut, *Erysiphe graminis* on wheat-straw packing, *Leptosphaeria heterospora* and *Mycosphaerella iridis* on iris, *Physalospora orchidearum* on orchid, *Sclerotium oryzae* on rice-straw packing, *Septoria tritici* on wheat straw, and *Trochila ilicis* on holly leaves. Still other pathogens on various hosts could not be determined.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha sp., probably *fraterculus*, was intercepted in orange from Brazil. The Mexican fruitfly (*A. ludens*) was taken in orange from Guatemala, and in apple, avocado, grapefruit, mango, orange, peach, pear, quince, and sweet lime from Mexico. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted in mango and *Spondias mombin* (?) from Cuba, and in mango from Dominican Republic, Haiti, and Jamaica. *A. serpentina* was taken in grapefruit from Trinidad and in mamey from Mexico. *A. striata* was intercepted in guava from Mexico. The Mediterranean fruitfly (*Ceratitis capitata*) was intercepted in grapefruit from Australia and Palestine, in mango from Hawaii, in orange from Africa and Portugal, and in pimento from Portugal. *Ceratitis* sp., probably *capitata*, was taken in apple from Spain, in grapefruit from Dutch Guiana, and in orange from Egypt. The melon fly (*Dacus cucurbitae*) was intercepted in cucumber and string bean from Hawaii. The olive fly (*D. oleae*) was taken in olive from Portugal. The celery fly (*Philophylla heraclei*) infested celery from England. The apple maggot (*Rhagoletis pomonella*) was intercepted in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUITFLIES

Acanthoscelides dominicanus (Bruchidae) was intercepted in seeds of huisache from Colombia, in divi-divi from Colombia, Mexico, and Venezuela, and *Caesalpinia* sp. from Jamaica. The citrus blackfly (*Aleurocanthus woglumi*) was taken on the foliage of grapefruit from Cuba and of sour lime from Mexico. Pineapples from Mexico were infested with *Alpheias conspirata* (Galleriidae). *Anaphothrips orchidii* (Thripidae) was found on *Odontoglossum* sp. leaf from England and on *Oncidium sphacelatum* from Mexico. *Anuraphis apiifolia* (Aphiidae) arrived with celery from Egypt. *Aonidiella inornata* (Coccidae) was intercepted on a palm-seed husk from the New Hebrides. *Bolacothrips jordani* (Thripidae) was taken on grass in sand ballast from England; this represented a first interception and was new to the collection. *Brachyrhinus desertus* var. (Curculionidae) arrived with sod in ballast from Scotland; it appears to be a rather rare species. *Bruchus luteicornis* (Bruchidae) infested vetch from Argentina. The turnip gall weevil (*Ceutorhynchus pleurostigma*) was intercepted in rutabaga from England and Ireland and in turnip from England. *Conchaspis angraeci* (Coccidae) was taken on an orchid from Trinidad. *Conotrachelus aguacatae* (Curculionidae) infested avocado from Mexico. *Dinoderus bifoveolatus* (Bostrichidae) arrived with barbasco roots from Colombia and Peru. *Drymus sylvaticus* (Lygaeidae) was found on *Rhododendron* sp. from England. *Epicaerus cognatus* (Curculionidae) was taken in potatoes (in baggage) from Mexico. *Eumecosomyia nubila* (Otitidae) infested corn from Colombia and Mexico. *Flatoides fuscus* (Fulgoridae) was intercepted on tomato from Mexico. *Gnorimoschema gudmannella* (Gelechiidae) infested peppers from Mexico. *Laspeyresia splendana* (Olethreutidae) was found in chestnuts from Portugal and in acorns from Algeria. *Mordellistena cattleyana* (Mordellidae) infested leaves of *Cottleya gigas* and *Cattleya* sp. from Colombia. The pink bollworm (*Pectinophora gossypiella*) was taken in cottonseed from Argentina, Dominican Republic, Hawaii, India, Mexico, Puerto Rico, and St. Vincent, in seed cotton and okra from Mexico, and in cottonseed and seed cotton in soldiers' mail. *Pseudococcus boninsis* (Coccidae) was found on sugarcane from Mexico. *Psylliodes chrysocephala* (Chrysomelidae) arrived with turnips from England. The mango weevil (*Sternochetus mangiferae*) was intercepted in mangoes from Australia, Hawaii, and India. *Taeniothrips ericae* (Thripidae) was taken on heather from Scotland.

NOTES ON PLANT DISEASES INTERCEPTED

Plant diseases found during the year included some that have been troublesome for years and others concerning which little is known. Among the former were Dutch elm disease (*Ceratostomella ulmi*), white pine blister rust (*Cronartium ribicola*), flax rust (*Melampsora lini*), banana leaf spot (*Cercospora musae*), the bulb and stem nematode (*Ditylenchus dipsaci*), and the citrus diseases black spot (*Phoma citricarpa*) and sweet orange scab (*Elsinoe australis*). A lemon reaching here via South Africa had lesions resembling those of citrus canker (*Bacterium citri*), but no undoubted specimens of this disease were found during the year. Among the pathogens found which might be important were the nematodes *Aphelenchus* sp. on onion and *Aphelenchoides* sp. on lily bulbs from Mexico, and *Ditylenchus*, n. sp., on false leek (*Nothoscordum* sp.) from Uruguay. In addition to numerous interceptions of grain rusts and smuts, which are always likely to represent serious strains not present in the United States, one interception was made of *Kuehneola uredinis* on *Rubus fruticosus* from Australia, which might represent a menace to our *Rubus* spp.

Among the apparently undescribed species intercepted were two rusts, *Aecidium* sp. on *Othonna crassifolia* from South Africa and *Sphenospora* sp. (to be described by G. B. Cummins) on *Cycnoches chlorochilon* (an orchid) from Venezuela. Another new orchid fungus was *Selenophoma* sp. on *Odontoglossum cordatum* from Guatemala. An *Ascochyta* on *Mertya sinclairi* from New Zealand might also be new. New nematodes included *Aphelenchoides* sp. on *Lilium longiflorum* from Mexico, *Aporcelaimus* sp. on carnation from Mexico, *Ditylenchus* sp. on *Nothoscordum* sp. from Uruguay, and *Labronema* sp. on *Lilium* sp. from Mexico. Others that may be new species were *Aphelenchus* sp. (related to *A. avenae* Bastian) on onion from Mexico, *Cephalobus* sp. on *Hieronymiella clidanthoides* from Argentina, *Chiloplacus* sp. on *Amaryllis* sp. from New Zealand, *Chiloplacus* sp. on *Hieronymiella clidanthoides* from Argentina, and *Heterodera* sp. of the *H. schachtii* group on *Petrophytum hendersoni* from Canada.

The year's interceptions included 28 named pathogens new to the interception files, 9 on additional hosts for these files, and 32 from additional countries or areas for the records of the pathogens concerned.

COMMON PESTS INTERCEPTED

Most of the insects and plant diseases found during the inspection of plant material are readily recognized as species already well established in this country. In normal times representative samples of such forms are taken rather frequently and checked to make sure that similar forms not yet established are not being overlooked. It has not been possible to make the usual number of such records during the past year, but those that were made are summarized here. The numbers following the names of the pests indicate the number of countries of origin included and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (8–48), *Ahasverus advena* (12–23), *Anthonomus eugenii* (1–3,033), *Aonidiella aurantii* (6–72), *Aphis gossypii* (7–12), *Araecerus fasciculatus* (10–14), *Aspidiotus cyanophylli* (13–44), *A. hederae* (10–41), *A. lataniae* (19–184), *A. perniciosus* (4–12), *Carpocapsa pomonella* (5–107), *Cerataphis lataniae* (8–41), *Chionaspis citri* (4–23), *Chrysomphalus aonidum* (17–52), *C. dictyospermi* (13–73), *Coccus hesperidum* (9–30), *Diaspis boisduvalii* (18–178), *Gnorimoschema operculella* (14–146), *Heliothis armigera* (7–6,696), *H. virescens* (2–183), *Hippodamia convergens* (1–18), *Howardia biclavis* (10–18), *Keiferia lycopersicella* (1–5,829), *Laphygma exigua* (2–171), *L. frugiperda* (2–363), *Lasioderma sericorne* (6–14), *Lepidosaphes beckii* (21–132), *L. gloverii* (8–13), *Lorita abornana chatka* (1–16), *Murgantia histrionica* (1–37), *Myzus persicae* (5–13), *Necrobia rufipes* (11–14), *Oryzaephilus surinamensis* (9–20), *Parlatoria pergandii* (14–52), *Pinnaspis minor* (14–62), *Plodia interpunctella* (11–33), *Pseudococcus aonidum* (9–37), *P. brevipes* (10–25), *P. citri* (9–20), *Rhizoglyphus echinopus* (9–34), *Saissetia hemisphaerica* (10–109), *S. oleae* (6–13), *Selenaspidus articulatus* (20–43), *Sitophilus oryza* (12–19), *Tribolium castaneum* (12–30), *Typhaea stercorea* (10–28).

In addition there were 2,614 interceptions belonging to 524 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. The number of more or less cosmopolitan species totaled 20,789.

DISEASES

Common plant diseases reported 10 or more times included *Actinomyces scabies* (15–275), *Alternaria solani* (1–17), *A. tomato* (1–1,181), *Aspergillus niger* (20–705), *Bacterium marginatum* (3–20), *B. phaseoli* (1–11), *B. tumefaciens* (2–12), *B. vesicatorium* (1–1,126), *Botrytis cinerea* (9–19), *B. tulipae* (1–35), *Cephalothecium roseum* (1–38), *Cercospora beticola* (1–24), *C. rosicola* (4–39), *Cladosporium fulvum* (3–140), *C. herbarum* (1–43), *Colletotrichum circinans* (1–846), *C. gloeosporioides* (12–92), *C. lindemuthianum* (5–27), *C. orchidearum* (6–15), *C. phomoides* (1–14), *Corticium vagum* (11–561), *Diaporthe citri* (20–63), *Diplocarpon rosae* (2–22), *Diplodia natalensis* (10–42), *Elsinoe fawcettii* (16–69), *Erysiphe polygoni* (1–69), *Gloeosporium limetticolum* (10–49), *G. musarum* (3–22), *Helminthosporium allii* (7–1,427), *Heterodera marioni* (12–24), *Heterosporium echinulatum* (5–16), *Mycosphaerella pinodes* (4–21), *Oospora citri-aurantii* (6–51), *O. lactis parasitica* (3–67), *O. pustulans* (3–10), *Penicillium digitatum* (11–129), *P. italicum* (8–28), *Phoma destructiva* (1–39), *Puccinia allii* (4–26), *P. chrysanthemi* (1–12), *P. graminis* (15–97), *P. porri* (7–17), *P. purpurea* (1–45), *P. rubigo-vera* (6–45), *Rhizopus nigricans* (14–471), *Sclerotinia sclerotiorum* (7–16), *Sclerotium oryzae* (3–15), *Spondylocladium atrovirens* (8–32), *Tilletia tritici* (1–205), *Uromyces phaseoli typica* (2–11), *Ustilago maydis* (1–10), *Venturia inaequalis* (13–51), *Verticillium cinnabarina* (9–22).

In addition to the species listed 116 interceptions of 35 other species of common pathogens were recorded, making a total of 8,579 interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Among the pests found by inspectors are many which cannot be fully determined. Some of them are new to science, but most of them are in a stage or condition that makes definite determination impracticable.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, taken in grapefruit and orange from Brazil at Mobile and New Orleans; *Anastrepha* sp., perhaps

ludens, at El Paso in orange from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso in mango from Mexico; *Anastrepha* sp., probably *serpentina*, at Miami in sapodilla from Colombia; *Anastrepha* sp. at Brownsville, Eagle Pass, El Paso, Fort Worth, Hidalgo, Laredo, Miami, Mobile, and New York in apple, avocado, grapefruit, guava, mango, orange, peach, pear, pomegranate, and quince from Brazil, Colombia, Haiti, Mexico, Trinidad, and Venezuela; perhaps *Ceratitis* sp. at Norfolk in orange from Egypt; *Rhagoletis* sp., probably *juglandis*, at El Paso in Persian walnut from Mexico; *Rhagoletis* sp. at El Paso, Hidalgo, and Laredo in husk tomato, red haw, and thornapple from Mexico. Three interceptions which could not be identified beyond family (Tephritidae) were taken at El Paso and Hoboken in rose hips and on wild currant from Canada and Mexico.

The following miscellaneous insects of special interest were intercepted: An undescribed aleyrodid (*Aleuroparadoxus* sp.) on Cape-jasmine and ebony was taken at Brownsville from Mexico; *Amorbia* sp., possibly *phaseolana* Busck (Tortricidae), at Laredo in tomato from Mexico; *Anthonomus* sp., near *squamans* Champ. (Curculionidae), at Hidalgo with lettuce from Mexico; *Atomaria* sp., probably *atra* (Hbst.) (Cryptophagidae), at New York in sod from Scotland; *Bulia* sp., apparently *similaris* Richards (Phalaenidae), at Eagle Pass in *Cassia fistula* from Mexico; *Centrinaspis* sp., near *tonsilis* Boh. (Curculionidae), at Douglas and Nogales in corn from Mexico; *Coccotrypes* sp., near *thrinacis* Hopk. (Scolytidae), at San Juan in seeds of *Cananga odorata* from Haiti; *Cylas* sp., near *compressus* Hartm. (Curculionidae), at the Inspection House, Washington, D. C., in sweetpotato from Africa; *Dalopius* sp., probably *marginatus* L. (Elateridae), at New York in sod ballast from Scotland; *Ereunetis* sp., probably *minuscula* Wlsm. (Tineidae), at Houston in stem of banana plant from a South Pacific island; *Gymnandrosoma* sp. (Olethreutidae) at Eagle Pass and Galveston in orange from Mexico and at New York in orange from Trinidad; *Heilipus* sp., probably *lauri* Boh. (Curculionidae), at Brownsville in avocado seed from Mexico; *Hylocurus* sp., possibly *vagabundus* Bldfd. (Scolytidae), at Nogales in bamboo from Mexico; *Nertus* sp., probably *suturalis* Boh. (Curculionidae), at Laredo and Nogales in bamboo from Mexico; *Pachymerus* sp., near *olearius* Bridwell (Bruchidae), at Houston in *Acrocomia* sp., and at New York in *Attalea* sp. from Brazil; *Tetraleurodes* sp., near *fici* Q. and B. (Aleyrodidae), at Hoboken on leaf of *Spondias* sp. (?) from Mexico; *Trichobaris* sp. (Curculionidae), at Brownsville, Hidalgo, and Laredo in husk tomato from Mexico.

There were also 2,960 interceptions, distributed among 568 genera, which could be identified to genus only. A total of 87 could be determined to family and subfamily only.

Total of incompletely determined insect interceptions, 3,120.

DISEASES

Among the incompletely determined plant pathogens and associated organisms taken during the year were a number of sufficient interest to be noted here. *Aecidium* sp. was found on *Othonna crassifolia* from South Africa, a new host and perhaps a new rust species. *Aphelenchoides*, n. sp., a new nematode, was found on an Easter lily bulb from Mexico. *Aporcelaimus*, n. sp., another nematode, was found on carnations from Mexico. A leaf spot caused by *Ascochyta* sp. on *Meryta sinclairi* from New Zealand may be new as no such fungus seems to have been reported for this host. *Cephalobus* sp. and *Chiloplacus* sp., probably new species of nematodes, occurred on a bulb of *Hieronymiella clidanthoides* from Argentina. *Chiloplacus* sp., possibly a new nematode, was taken from an *Amaryllis* bulb from New Zealand. *Ditylenchus*, n. sp., was intercepted on *Nothoscordum* bulbs from Uruguay. *Labronema*, n. sp., nematode, was found on a lily bulb from Mexico. *Selenophoma*, n. sp., was intercepted on *Brassia verrucosa grandiflora* and *Odontoglossum cordatum* from Guatemala. *Sphenospora*, n. sp., a rust, was found infecting *Cycnoches chlorochilon*, an orchid, from Venezuela. A number of undetermined rusts and smuts of grains and grasses from various areas were found.

Incompletely determined pathogens recorded during the year totaled 6,515.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease
	Number	*Number*
Africa:		
Africa	1	0
Algeria	6	0
British West Africa	0	1
Egypt	5	1
French West Africa	2	0
Gold Coast	7	1
Madeira Islands	4	3
Morocco	0	1
North Africa	0	1
Sierra Leone	1	0
Tanganyika	1	0
Union of South Africa	2	2
Asia:		
Arabia	1	0
India	12	2
Iran	1	3
Iraq	1	0
Palestine	2	0
Australasia:		
Australia	9	16
Fiji Islands	1	0
Hawaii	35	1
Johnston Island	1	0
Midway	1	0
New Caledonia	1	2
New Guinea	1	0
New Hebrides	1	1
New Zealand	4	1
Palmyra Island	2	0
Queensland	0	1
South Pacific	31	4
Tasmania	0	2
Europe:		
Azores	0	1
England	53	24
Ireland	1	0
Italy	0	2
North Ireland	0	2
Portugal	157	54
Scotland	10	2
Sicily	1	4
Spain	3	5
North America:		
Bermuda	0	2
Canada	9	5
British Columbia	5	1
Central America		
Canal Zone	16	1
Costa Rica	24	2
Guatemala	49	6
Honduras	3	0
Nicaragua	3	0
Panama	4	2
Iceland	1	0
Mexico	1,665	616
West Indies		
Bahamas	3	0
British West Indies	0	1
Cuba	44	9
Curacao	0	1
Dominica	1	0
Dominican Republic	13	3
Guadeloupe	1	2
Haiti	10	1
Jamaica	7	0
Martinique	1	0
Puerto Rico	13	2
St. Vincent	1	0
Tahiti	1	0
Trinidad	21	0
South America:		
Argentina	6	7
Bolivia	0	2
Brazil	29	6
Colombia	15	5
Dutch Guiana	3	0
Peru	10	0
South America(?)	1	0
Uruguay	0	2
Venezuela	29	5
Total:		
Africa	29	10
Asia	17	5
Australasia	87	28
Europe	225	94
North America	1,895	654
South America	93	27
Unknown	15	16
Total	2,361	834
Total (common pests, p. —)	20,789	8,579
Total (incompletely determined pests, p. —)	3,120	6,515
Total insect interceptions	26,270	----------
Total disease interceptions	----------	15,928
Grand total	----------	42,198

NOTE.—In addition to the countries named above, interceptions were made from Angola, Aruba, Barbados, Belgian Congo, British Guiana, British Honduras, British West Africa, Ceylon, Chile, China, Dutch West Indies, Eritrea, France, French Equatorial Africa, French Guiana, Gibraltar, Gilbert Islands, Grenada, Guadalcanal, Liberia, Madagascar, Mozambique, New South Wales, Nigeria, Oceania, Orient, St. Lucia, Salvador, Solomon Islands, Straits Settlements, Tonga Islands, Tunisia, Union of Soviet Socialist Republics, and Wales.

List of pests (insects) collected and reported, July 1, 1943, to June 30, 1944, inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Acanthoscelides dominicanus (Jek.) (Bruchidae):					
Acacia farnesiana (sweet acacia)	Colombia	1			La.
Caesalpinia coriaria (divi-divi)	Colombia, Mexico, Venezuela.	4	1		Fla.,* La., Tex.
Caesalpinia sp.	Jamaica	1			N. Y.
Acanthoscelides flexicaulis (Schaef.) (Bruchidae):					
Pithecellobium flexicaule (apes-earring)	Mexico			2	Tex.
Acanthoscelides protractus (Horn) (Bruchidae):					
Prosopis sp. (mesquite)	do	1		1	Ariz., Tex.
Acanthoscelides sallaei (Sharp) (Bruchidae):					
Chrysanthemum sp.	do	1			Tex.
Aceratagallia uhleri (VanD.) (Cicadellidae):					
Spinacia oleracea (spinach)	do	1			Tex.
Acroleucus vicinalis Dist. (Lygaeidae):					
Ananas comosus (pineapple)	do	1			Tex.
Tillandsia sp.	do			1	Tex.
Adelphocoris superbus (Uhl.) (Miridae):					
Medicago sativa (alfalfa)	do	1			Tex.
Adoretus sinicus Burm. (Scarabaeidae):					
Airplane	Palmyra Island		1		Hawaii*
Aedes vigilax (Skuse) (Culicidae):					
Airplane	South Pacific		2		Hawaii*
Agrilus furcillatus Chevr. (Buprestidae):					
Wooden crate	Mexico	1			Ariz.
Agriotes mancus Say (Elateridae):					
Soil around begonia roots	Canada			1	N. J.
Agriotes obscurus L. (Elateridae):					
Sod and sand ballast	Scotland	2			N. Y.
Agromyza scutellata pascuum (Meig.) (Agromyzidae):					
Medicago sativa (alfalfa)	Mexico	1			Tex.
Agromyza virens Loew (Agromyzidae):					
Daucus carota sativa (carrot)	do	1			Tex.
Helianthus sp.	do		1		Tex.
Phaseolus sp. (string bean)	do	8			Ariz., Tex.
Agrotis malefida Guen. (Phalaenidae):					
Cane bottom chair	do	1			Tex.
Alaus lusciosus Hope (Elateridae):					
Ananas comosus (pineapple)	do	1			Tex.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus aurantifolia (sour lime)	do	1			Ariz.
Citrus paradisi (grapefruit)	Cuba	1			Fla.*
Aleurothrixus floccosus (Mask.) (Aleyrodidae):					
Persea americana (avocado)	Mexico			1	Tex.
Psidium guajava (guava)	do	1			Tex.
Aleurothrixus myrtacei Bondar (Aleyrodidae):					
Gardenia augusta (Cape-jasmine)	Guatemala, Mexico	4	2		Tex.
Alpheias conspirata Hein. (Galleriidae):					
Ananas comosus (pineapple)	Mexico	11			Tex.
Amblycerus scutellaris (Sharp) (Bruchidae):					
Cinchona sp.	Guatemala			1	P. R.
Amphicerus cornutus (Pallas) (Bostrichidae):					
Allium sativum (garlic)	Mexico	1			Tex.
Arachis hypogaea (peanut)	do	1			Tex.
Bamboo	do	2			Ariz.
Copra	do		1		Tex.
Box car loaded with zinc	do	1			Tex.
Anacentrinus deplanatus (Csy.) (Curculionidae):					
Hibiscus drummondii	do		1		Tex.
Anaphothrips orchidaceus Bagn. (Thripidae):					
Laelia sp. (orchid)	do			1	Tex.
Zygopetalum mackayi (orchid)	England			1	N. J.
Anaphothrips orchidii (Mlt.) (Thripidae):					
Odontoglossum sp. (orchid)	do			1	N. J.
Oncidium spl acelatum (orchid)	Mexico			1	Calif.*

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Anastrepha fraterculus (Wied.) (?) (Tephritidae):					
Citrus sinensis (orange)	Brazil	----	6	----	La., P. R.
Anastrepha ludens (Loew) (Tephritidae):					
Citrus aurantifolia (sweet lime)	Mexico	2	----	----	Tex.
Citrus paradisi (grapefruit)	do	6	----	----	Tex.
Citrus sinensis (orange)	Guatemala, Mexico	79	12	----	Ariz., Calif.,* Fla.* Tex.
Cydonia oblonga (quince)	Mexico	4	----	----	Tex.
Bag used for oranges	do	----	1	----	Tex.
Garbage bucket where squeezed orange peel had been.	do	----	1	----	Tex.
Malus pumila (apple)	do	7	----	----	Tex.
Mangifera indica (mango)	do	16	2	----	Ariz., Tex.
Floor of box car	do	----	3	----	Tex.
Persea americana (avocado)	do	3	----	----	Tex.
Prunus persica (peach)	do	4	----	----	Ariz., Tex.
Pyrus communis (pear)	do	8	3	----	Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Mangifera indica (mango)	Cuba, Dominican Republic, Haiti, Jamaica	3	6	----	Ala., Fla.,* La., N. Y.
Spondias mombin (?) (yellow mombin)	Cuba	----	1	----	Fla.*
Anastrepha serpentina (Wied.) (Tephritidae):					
Citrus paradisi (grapefruit)	Trinidad	----	1	----	Ala.
Mammea americana (mamey)	Mexico	2	----	----	Ariz., Tex.
Anastrepha striata Schin. (Tephritidae):					
Psidium guajava (guava)	do	1	----	----	Ariz.
Andricus furnessae (Weld) (Cynipidae):					
Quercus sp. (oak)	do	1	----	----	Ariz.
Unknown cutting	do	1	----	----	Ariz.
Anuraphis apiifolia (Theob.) (Aphiidae):					
Apium graveolens (celery)	Egypt	----	1	----	Md.
Aonidiella citrina (Coq.) (Coccidae):					
Citrus sinensis (orange)	Mexico	1	----	----	Tex.
Gardenia augusta (Cape-jasmine)	do	----	----	1	Tex.
Aonidiella eremocitri McKenzie (Coccidae):					
Cocos nucifera (coconut)	South Pacific	----	----	1	Calif.*
Aonidiella inornata (McKenzie) (Coccidae):					
Palm seed	New Hebrides	1	----	----	Calif.*
Aphis lutescens Mon. (Aphiidae):					
Nerium oleander (oleander)	Mexico	----	----	1	Tex.
Aphis sedi Kalt. (Aphiidae):					
Sedum sp.	Guatemala	----	----	1	N. J.
Apion pomonae (F.) (Curculionidae):					
Triticum aestivum (wheat)	Portugal	1	----	----	Minn.
Vicia sp. (vetch)	do	18	----	----	N. Y., Pa., Wash., Tex.
Apion subornatum Fall (Curculionidae):					
Lycopersicon esculentum (tomato)	Mexico	1	----	----	Tex.
Arvelius albopunctatus (Deg.) (Pentatomidae):					
Solanum melongena (eggplant)	do	1	----	----	Ariz.
Aspidiotus destructor Sign. (Coccidae):					
Cocos nucifera (coconut)	Cuba	----	1	----	Fla.*
Musa paradisiaca sapientum (banana)	Costa Rica, Cuba, Dominican Republic, Haiti, Honduras.	14	----	----	Calif.,* Fla.*
Aspidiotus diffinis Newst. (Coccidae):					
Psidium guajava (guava)	Mexico	1	----	----	Ariz.
Aspidiotus herculeanus D. & H. (Coccidae):					
Annona sp.	Trinidad	1	----	----	Fla.*
Aspidiotus palmae Ckll. (Coccidae):					
Camellia sp.	Mexico	----	----	1	Tex.
Cocos nucifera (coconut)	New Guinea	----	----	1	Calif.*
Musa paradisiaca sapientum (banana)	Costa Rica	5	----	----	Calif.*
Aspidiotus spinosus Comst. (Coccidae):					
Cocos nucifera (coconut)	Hawaii, Nicaragua	----	2	----	Calif.*
Mammea americana (mamey)	Cuba	----	1	----	Fla.*
Asterolecanium miliaris robustum Green (Coccidae):					
Bamboo	Canal Zone	1	----	----	N. Y.

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Asterolecanium pustulans (Ckll.) (Coccidae):					
Achras sapota (sapodilla)	Bahamas	1			Fla.*
Monodora sp.	Dominica			1	N. J.
Nerium oleander (oleander)	Mexico		1		Tex.
Unidentified cuttings	Hawaii			1	Calif.*
Athous subfuscus Mul. (Elateridae):					
Soil	Scotland	1			N. Y.
Atrusca aggregata (Weld) (Cynipidae):					
Unidentified cutting	Mexico	1			Ariz.
Aulacaspis mangiferae (Newst.) (Coccidae):					
Mangifera indica (mango)	Trinidad	1			Fla.*
Autographa brassicae (Riley) (Phalaenidae):					
Brassica oleracea capitata (cabbage)	Mexico	1			Tex.
Autoserica castanea (Arrow) (Scarabaeidae):					
Soil around roots of rhododendron	England			1	N. J.
Barynotus squamosus schonherri (Zett.) (Curculionidae):					
Soil ballast	Scotland	1			N. Y.
Barypeithes pellucidus (Boh.) (Curculionidae):					
Alpine plants	British Columbia			1	Wash.
Bemisia inconspicua (Q.) (Aleyrodidae):					
Acer mexicanum	Mexico			1	Ariz.
Bitoma crenata (F.) (Colydiidae):					
Juglans sp. (walnut)	England	1			N. Y.
Blissus leucopterus insularis Barber (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Grasses and pigweed	Canal Zone (?)		2		Tex.
Bolacothrips jordani Uzel (Thripidae):					
Grass in sand ballast	England	1			N. Y.
Bonchis munitalis (Led.) (Chrysaugidae):					
Parmentiera edulis (food candletree)	Mexico	1			Tex.
Brachyrhinus desertus (Rosenh.) var. (Curculionidae):					
Sod in ballast	Scotland	1			N. Y.
Brachyrhinus singularis (L.) (Curculionidae):					
Clump of roots in ballast	do	1			N. Y.
Brochymena sulcata VanD. (Pentatomidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Vegetable leaves	do	1			Tex.
Bruchidius incarnatus (Boh.) (Curculionidae):					
Vicia faba (fava bean)	Egypt		1		N. Y.
Bruchus guttalis Rey (Bruchidae):					
Bottle jacket	Portugal	1			Pa.
Secale cereale (rye)	do	5			Pa.
Vicia angustifolia (narrowleaf vetch)	do	2			Pa.
Vicia sp. (vetch)	Madeira Islands, Portugal.	116			Calif.,* Md., Minn., N. Y., Oreg., Pa., Tex. Wash.
Bruchus lentis Froh. (Bruchidae):					
Lens culinaris (lentil)	Egypt		1		N. Y.
Bruchus luteicornis Ill. (Bruchidae):					
Vicia sp. (vetch)	Argentina	1			P. R.
Calendra incurrens (Gyll.) (Curculionidae):					
Saccharum officinarum (sugarcane)	Mexico	1			Tex.
Callarctia proxima autholea Bdv. (Arctiidae):					
Solanum melongena (eggplant)	do	1			Ariz.
Callosobruchus chinensis (L.) (Bruchidae):					
Cajanus cajan (pigeonpea)	Haiti, Puerto Rico			3	D. C., N. J., N. Y.
Cicer arietinum (chickpea)	India, Tanganyika		1	1	D. C., N. Y.
Oryza sativa (paddy rice)	India		1		N. Y.
Callosobruchus maculatus (F.) (Bruchidae):					
Bean	Jamaica, Mexico	2			N. Y., Tex.
Capsicum frutescens (pepper)	Mexico	1			Tex.
Cicer arietinum (chickpea)	do	27			Ariz., Tex.
Coffea sp. (coffee)	do	1			Tex.
Phaseolus sp. (string bean)	do	1			Tex.
Vigna sinensis (cowpea)	Arabia, Iraq			2	N. J., N. Y.
Callosobruchus phaseoli (Boh.) (Bruchidae):					
Dolichos lablab	Brazil			1	D. C.

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Carneocephala flaviceps (Riley) (Cicadellidae):					
Gardenia augusta (Cape-jasmine)	Brazil	1			Tex.
Carneocephala sagittifera (Uhl.) (Cicadellidae):					
Daisy	do	1			Tex.
Carpolonchaea pendula Bezzi (Lonchaeidae):					
Capsicum frutescens (pepper)	Mexico	1			Ariz.
Lycopersicon esculentum (tomato)	Dominican Republic	1			P. R.
Parmentiera edulis (food candletree)	Mexico	1			Tex.
Caryedes calderensis (Sharp) (Bruchidae):					
Legume	Brazil			1	D. C.
Caryedes jaspedius (Er.) (Bruchidae):					
Pachyrhizus erosus	Peru			1	D. C.
Caryedon fuscus (Goeze) (Bruchidae):					
Cassia brewsterii	Australia			1	N. J.
Caryopemon cruciger (Steph.) (Bruchidae):					
Abrus precatorius (rosary-pea)	Union of South Africa	1			Calif.*
Catolethrus longulus Boh. (Curculionidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Catorama tabaci Guer. (Anobiidae):					
Ricinus communis (castor bean)	do		2		Tex.
Ceratitis capitata (Wied.) (Tephritidae):					
Capsicum frutescens (pepper)	Portugal		1		Pa.
Citrus paradisi (grapefruit)	Australia, Palestine		3		Calif.,* Md.
Citrus sinensis (orange)	Africa, Portugal	2			Fla.,* Pa.
Mangifera indica (mango)	Hawaii	1			Calif.*
Ceratitis capitata (Wied.) (?) (Tephritidae):					
Citrus paradisi (grapefruit)	Dutch Guiana		1		N. Y.
Citrus sinensis (orange)	Egypt		2		Md., Pa.
Malus pumila (apple)	Spain		1		N. Y.
Ceratocapsus punctulatus (Reuter) (Miridae):					
Lactuca sativa (lettuce)	Mexico	2			Tex.
Ceratocombus vagans McA. & M. (Dipsocoridae):					
Orchid	Canal Zone			1	Tex.
Ceroplastes rubens Mask. (Coccidae):					
Zingiber officinale (ginger)	Hawaii	1			Calif.*
Ceutorhynchus pleurostigma Marsh. (Curculionidae):					
Brassica napobrassica (rutabaga)	England, Ireland		5		Pa.
Brassica rapa (turnip)	England		4		N. Y., Pa.
Chaetopsis fulvifrons (Macq.) (Ctitidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Zea mays (corn)	do	4			Tex.
Chilo loftini Dyar (Crambidae):					
Saccharum officinarum (sugarcane)	do	1			Ariz.
Chilo simplex (Btlr.) (?) (Crambidae):					
Oryza sativa (rice)	Spain	1			Oreg.
Chirothrips manicatus Hal. (Thripidae):					
Grass seed	Union of South Africa			1	D. C.
Chrysomphalus albopictus (Ckll.) (Coccidae):					
Persea americana (avocado)	Mexico	4			Tex.
Tabernaemontana sp	do			1	Tex.
Chrysomphalus personatus (Comst.) (Coccidae):					
Citrus aurantifolia (sour lime)	do		1		Calif.*
Citrus sinensis (orange)	Brazil		1		Fla.*
Cocos nucifera (coconut)	Guatemala		1		Calif.*
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Bromeliaceae	Mexico			1	Calif.*
Epidendrum atropurpureum (orchid)	Guatemala			1	Calif.*
Epidendrum stamfordianum	do			1	Calif.*
Laelia acuminata rosea (orchid)	do			1	Calif.*
Laelia superbiens	do			3	Calif.*
Musa paradisiaca sapientum (banana)	Costa Rica, Panama	4			Calif.*
Oncidium cavendishianum (orchid)	Guatemala			1	Calif.*
Clytus arietis (L.) (Cerambycidae):					
Acer sp. (maple)	England	1			N. Y.
Ulmus sp. (elm)	do	5			N. Y.
Coccotrypes brassiaevorus Hopk. (Scolytidae):					
Unknown plant	Panama			1	La.

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Coccotrypes dactyliperda (F.) (Scolytidae):					
Acrocomia media (corozo)	Portugal	1			N. Y.
Ficus sp.	New Zealand			1	La.
Phytelephas macrocarpa (ivory nut)	Portugal	1			N. Y.
Rhopalostylis sapida (palm)	New Zealand			1	La.
Trachycarpus excelsus (palm)	do			1	La.
Coccotrypes rolliniae Hopk. (Scolytidae):					
Palmeria sp.	Brazil	1			D. C.
Coccus viridis (Green) (Coccidae):					
Coffea sp. (coffee)	Soldier's mail	1			Fla.*
Gardenia augusta (Cape-jasmine)	Canal Zone, Cuba, Dominican Republic, Puerto Rico, Venezuela.	12			Fla.*
Coleophora laricella (Hbn.) (Coleophoridae):					
Larix sp. (larch)	Canada	2			Mass.
Colias eurytheme Bdv. (Pieridae):					
Medicago sativa (alfalfa)	Mexico	7			Tex.
Portulaca sp. (purslane)	do	1			Tex.
Colobicus marginatus Latr. (Colydiidae):					
Ipomoea batatas (sweetpotato)	Cuba		2		Pa., Tex.
Conchaspis angraeci Ckll. (Coccidae):					
Orchid	Trinidad	1			Fla.*
Coninomus constrictus (Gyll.) (Lathridiidae):					
Quercus sp. (acorn)	Spain	1			Pa.
Conoderus lividus Deg. (Elateridae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Conoderus vespertinus F. (Elateridae):					
Gossypium sp. (cotton) (plant)	do		1		Tex.
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado)	do	204			Tex.
Conotrachelus integer Csy. (Curculionidae):					
Quercus sp. (acorn)	do	41			Tex.
Conotrachelus leucophaetus (Fahr.) (Curculionidae):					
Dianthus sp. (carnation)	do	1			Tex.
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado)	Guatemala	1			Tex.
Conotrachelus seniculus Lec. (Curculionidae):					
Allium sativum (garlic)	Mexico	1			Tex.
Capsicum frutescens (pepper)	do	1			Tex.
Portulaca oleracea (purslane)	do	1			Ariz.
Zea mays (corn)	do	1			Ariz.
Conotrachelus subfasciatus Boh. (Curculionidae):					
Solanum melongena (eggplant)	do	3			Tex.
Corcyra cephalonica (Staint.) (Galleriidae):					
Anthocetsia frezoulsi	Sierra Leone	1			N. Y.
Beta vulgaris (beet)	Cuba	1			La.
Gossypium sp. (cottonseed)	Soldier's mail	1			Pa.
Cordylomera spinicornis (F.) (Cerambycidae):					
Swietenia mahagoni (mahogany)	French West Africa	2			Pa.
Cossonus parallelepipedus (Hbst.) (Curculionidae):					
Soil around walnut logs	England	1			N. Y.
Crocidosema plebeiana Zell. (Olethreutidae):					
Hibiscus esculentus (okra)	Mexico	1			Tex.
Cryptoblabes gnidiella (Mill.) (Phycitidae):					
Punica granatum (pomegranate)	Madeira Islands	1			Pa.
Curculio q-griseae Chttn. (Curculionidae):					
Quercus sp. (acorn)	Mexico	66			Tex.
Cylas formicarius (F.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	India		1		Va.
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Australia, Bahamas, Brazil, Cuba, Dominican Republic, Jamaica, Mexico, Puerto Rico, Tahiti.	26	23		Calif.*, Fla.*, La., Md., N. Y., Pa., P. R., Tex.
Ipomoea sp. (wild morning-glory)	Mexico	1			Tex.

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Cylas formicarius, probably *elegantulus* (Summers) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Brazil, Cuba, Haiti, Puerto Rico.	----	13	----	Ala., La., Md., N. Y., Pa., Tex.
Cylas formicarius, perhaps *formicarius* F. (Curculionidae):					
Ipomoea batatas (sweetpotato)	India	----	2	----	Pa., Va.
Dacus cucurbitae (Coq.) (Tephritidae):					
Cucumis sativus (cucumber)	Hawaii	----	1	----	Calif.*
Phaseolus sp. (string bean)	do	----	1	----	Calif.*
Dacus oleae Gmel. (Tephritidae):					
Olea europaea (olive)	Portugal	1	----	----	Pa.
Dacus oleae Gmel. (?) (Tephritidae):					
Olea europaea (olive)	Soldier's mail	1	----	----	N. Y.
Dendrobiella aspera (Lec.) (Bostrichidae):					
Prosopis sp. (mesquite)	Mexico	1	----	----	Calif.
Dercynus micronyx Champ. (Curculionidae):					
Brownea grandiceps (glory flamebean)	Trinidad	----	----	1	N. J.
Dialeurodes chittendeni Laing (?) (Aleyrodidae):					
Rhododendron sp.	England	----	----	2	N. J.
Dialeurodes citri (Ash.) (Aleyrodidae):					
Gardenia augusta (Cape-jasmine)	Cuba	----	1	----	Fla.*
Dialeurodes citrifolii (Morg.) (Aleyrodidae):					
Citrus paradisi (grapefruit)	do	1	----	----	Fla.*
Citrus sp.	Dominican Republic	1	----	----	Fla.*
Diaphania hyalinata (L.) (Pyraustidae):					
Sechium edule (chayote)	Mexico	1	----	----	Ariz.
Diaphania nitidalis (Stoll) (Pyraustidae):					
Cucurbita maxima (squash)	do	5	----	----	Ariz., Tex.
Sechium edule (chayote)	do	1	----	----	Tex.
Diatraea grandiosella Dyar (Crambidae):					
Zea mays (corn)	do	7	----	----	Tex.
Diatraea saccharalis (F.) (Crambidae):					
Saccharum officinarum (sugarcane)	do	2	----	----	Tex.
Dinoderus bifoveolatus (Woll.) (Bostrichidae):					
Serjania mexicana (barbasco)	Colombia, Peru	11	----	----	Ala., N. Y.
Diorymerellus laevimargo Champ. (Curculionidae):					
Cyrtopodium punctatum (orchid)	Guatemala	----	----	1	Calif.*
Dorcus parallelopipedus L. (Lucanidae):					
Soil around roots of walnut log	England	1	----	----	N. Y.
Dorytomus luridus (Mann.) (Curculionidae):					
Salix discolor (pussy willow)	British Columbia	1	----	----	Wash.
Draeculacephala minerva Ball (Cicadellidae):					
Apium graveolens (celery)	Mexico	1	----	----	Ariz.
Drasterius livens Lec. (Elateridae):					
Lactuca sativa (lettuce)	do	1	----	----	Calif.
Lilium longiflorum (Easter lily)	do	----	----	1	Tex.
Drasterius scutellatus Schfr. (Elateridae):					
With groceries	do	1	----	----	Tex.
Drymus sylvaticus (F.) (Lygaeidae):					
Rhododendron sp.	England	----	----	1	N. J.
Dysdercus concinnus Stal (Pyrrhocoridae):					
Mallow	Mexico	----	1	----	Tex.
Elaphria agrotina (Guen.) (Phalaenidae):					
Ananas comosus (pineapple)	do	1	----	----	Tex.
Lycopersicon esculentum (tomato)	do	1	----	----	Ariz.
Elasmopalpus lignosellus (Zell.) (Phycitidae):					
Daucus carota sativa (carrot)	do	1	----	----	Ariz.
Phaseolus sp. (string bean)	do	3	----	----	Tex.
Empoasca fabae (Harris) (Cicadellidae):					
Lactuca sativa (lettuce)	do	1	----	----	Tex.
Empoasca nigra typhlocyboides Gillette & Baker (Cicadellidae):					
Artemisia sp. (sagebrush)	do	1	----	----	Tex.
Endrosis lacteella (Schiff.) (Oecophoridae):					
Dahlia sp.	Australia	----	----	1	N. J.
Epicaerus cognatus Sharp (Curculionidae):					
Solanum tuberosum (potato)	Mexico	4	----	----	Tex.
Epicauta albida (Say) (Meloidae):					
Ananas comosus (pineapple)	do	1	----	----	Tex.
Epidiaspis piricola (Del Guer.) (Coccidae):					
Persea americana (avocado)	do	1	----	----	Tex.

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Epilachna varivestis Muls. (Coccinellidae):					
Brassica sp. (mustard)	Mexico	1			Tex.
Medicago sativa (alfalfa)	do	1			Tex.
Phaseolus sp. (string bean)	do	2			Tex.
Raphanus sativus (radish)	do	1			Tex.
Epinotia opposita Hein. (Oletbreutidae):					
Phaseolus sp. (string bean)	do	53			Ariz., Tex.
Epitrix fasciata Blatch. (Chrysomelidae):					
Lycopersicon esculentum (tomato)	do	5			Ariz. Tex.
Solanum melongena (eggplant)	do	1			Tex.
Solanum tuberosum (potato)	do		1		Tex.
Epitrix hirtipennis (Melsh.) (Chrysomelidae):					
Physalis sp. (husk tomato)	do	1			Tex.
Ereunetis flavistriata (Walsm.) (Tineidae):					
Cocos nucifera (coconut)	Hawaii	5	2		Calif.*
Estigmene acrea (Drury) (Arctiidae):					
Gladiolus sp.	Mexico	1			Tex.
Eucalandra setulosa (Gyll.) (Curculionidae):					
Bamboo	do	1			Ariz.
Eucalymnatus tessellatus (Sign.) (Coccidae):					
Gardenia augusta (Cape-jasmine)	do	9			Tex.
Eucnocerus anthrenoides Sharp (Dermestidae):					
Cabin of airplane	Canal Zone		1		Tex.
Eumecosomyia nubila (Wied.) (Otitidae):					
Zea mays (corn)	Colombia, Mexico	131	3		Ariz., La., Tex.
Eupeodes volucris O. S. (Syrphidae):					
Chrysanthemum sp.	Mexico	1			Tex.
Europs pallipennis (Lec.) (Monotomidae):					
Capsicum frutescens (pepper)	do	1			Ariz.
Eurycipitia vestitus Dist. (Miridae):					
Epidendrum atropurpureum (orchid)	Guatemala			1	Calif.*
Laelia superbiens (orchid)	do			1	Calif.*
Odontoglossum bictoniense (orchid)	do			1	Calif.*
Odontoglossum grande	do			1	Calif.*
Oncidium cavendishianum (orchid)	do			1	Calif.*
Oncidium leucochilum	do			1	Calif.*
Oncidium splendidum	do			1	Calif.*
Orchid	do			1	Calif.*
Eurytoma orchidearum (Westw.) (Eurytomidae):					
Cattleya sp. (orchid)	Venezulea			3	N. J.
Eurytoma orchidearum (Westw.) (?) (Eurytomidae):					
Epidendrum sp. (orchid)	Guatemala			1	Calif.*
Euscepes postfasciatus (Fairm.) (Curculionidae):					
Dioscorea sp.	Venezuela		1		Md.
Ipomoea batatas (sweetpotato)	Brazil, Cuba, Dutch Guiana, Martinique, Brazil		25		Ala., Ga., La., Md., N. Y., Pa.
Ipomoea sp.				1	D. C.
Euxesta notata (Wied.) (Otitidae):					
Chrysanthemum sp.	Mexico	1			Tex.
Solanum tuberosum (potato)	do		1		Tex.
Euxesta stigmatias Loew (Otitidae):					
Zea mays (corn)	do	16			Ariz., Tex.
Everes comyntas (Godart) (Lycaenidae):					
Phaseolus sp. (string bean)	do	9			Tex.
Evergestis rimosalis (Gn.) (Pyraustidae):					
Brassica oleracea botrytis (cauliflower)	do	2			Tex.
Brassica oleracea capitata (cabbage)	do	2			Tex.
Brassica rapa (turnip)	do	1			Tex.
Brassica sp. (mustard)	do	2			Tex.
Vegetables	do	1			Tex.
Exptochiomera minima (Guer.) (Lygaeidae):					
Allium sativum (garlic)	do	1			Tex.
Ananas comosus (pineapple)	do	1			Tex.
Chrysanthemum parthenium (feverfew)	do	1			Tex.
Daisy	do	1			Tex.
Gossypium sp. (cotton)	do		1		Tex.
Herb	do		1		Tex.
Persea americana (avocado)	do	2			Tex.

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Exptochiomera oblonga (Stal) (Lygaeidae):					
Daisy	Puerto Rico, Trinidad, Venezuela.	1			Tex.
Herb	do	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Ariz.
Flatoides fuscus VanDuzee (Fulgoridae):					
Lycopersicon esculentum (tomato)	do	1			Ariz.
Forficula auricularia L. (Forficulidae):					
Secale cereale (rye)	Portugal	1			Pa.
Frankliniella bratleyi Wats. (Thripidae):					
Poinanthes sp.	Mexico			1	Tex.
Frankliniella difficilis Hood (Thripidae):					
Rosa sp.	Honduras, Venezuela	2			Fla.*
Frankliniella fortissima Pr. (Thripidae):					
Lathyrus odoratus (sweetpea)	Guatemala	1			La.
Lycopersicon esculentum (tomato)	Mexico	3			Ariz.
Frankliniella insularis (Frankl.) (Thripidae):					
Gardenia augusta (Cape-jasmine)	Dominican Republic		1		P. R.
Frankliniella tritici (Fitch) (Thripidae):					
Rosa sp.	Canada			1	N. J.
Frankliniella williamsi Hood (Thripidae):					
Palm	Mexico	1			Tex.
Franklinothrips vespiformis (Crawf.) (Aeolothripidae):					
Vitis sp. (grape)	do	1			Tex.
Fulvius peregrinator Kirk. (Miridae):					
Airplane	South Pacific		1		Hawaii*
Furcaspis biformis (Ckll.) (Coccidae):					
Brassavola nodosa (orchid)	Canal Zone			1	Calif.*
Brassavola sp.	Soldier's mail			1	Tex.
Cattleya skinneri (orchid)	Costa Rica			1	Calif.*
Cattleya sp.	Colombia, Venezuela			4	N. J.
Epidendrum atropurpureum (orchid)	Trinidad			1	N. J.
Epidendrum sp.	Canal Zone			1	Tex.
Oncidium lanceanum (orchid)	Panama			1	Tex.
Oncidium sp.	Canal Zone, Trinidad			2	N. J., Tex.
Orchid	Colombia, Trinidad, Venezuela.	2		2	Fla.,* N. J.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum frutescens (pepper)	Mexico	10			Ariz., Tex.
Gnorimoschema lavernella (Chamb.) (Gelechiidae):					
Physalis sp. (husk tomato)	do	1			Tex.
Grapholitha packardi Zell. (Olethreutidae):					
Cydonia oblonga (quince)	do	4			Tex.
Haplothrips gowdeyi (Frankl.) (Phlaeothripidae):					
Dianthus sp. (carnation)	Guatemala	2			La., Tex.
Heliodines bella Chamb. (Heliodinidae):					
Portulaca oleracea (purslane)	Mexico	88			Ariz., Calif., Tex.
Rorippa nasturtium-aquaticum (watercress).	do	1			Tex.
Heliothis subflexa (Gn.) (Phalaenidae):					
Cajanus cajan (gandule)	Bahamas	1			N. Y.
Physalis sp. (husk tomato)	Mexico	19			Tex.
Hellula phidilealis (Wlk.) (Pyraustidae):					
Brassica hirta (white mustard)	do	34			Calif.
Brassica oleracea acephala (collard)	Cuba		1		La.
Hellula undalis (F.) (Pyraustidae):					
Brassica hirta (white mustard)	Mexico	2			Calif.
Brassica oleracea capitata (cabbage)	do	2			Tex.
Brassica rapa (turnip)	do	4			Calif.
Brassica sp. (mustard)	do	2			Tex.
Raphanus sativus (radish)	do	1			Tex.
Hercinothrips femoralis (Reut.) (Thripidae):					
Cymbidium sp. (orchid)	England			1	N. J.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
In package containing woolen scarf and excelsior.	Sailor's mail	1			Pa.
Oryza sativa (rice)	Soldier's mail	1			N. Y.
Wood	India, soldier's mail	3			Minn., N. Y.

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		Consumption	Non-entry	Propagation	
Heterobostrychus pileatus Les. (Bostrichidae):					
Gossypium sp. (cotton) (lint)	India	1			Pa.
Homalodisca triquetra (F.) (Cicadellidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Homoeosoma electellum (Hulst.) (Phycitidae):					
Chrysanthemum sp	do	1			Tex.
Holymenia histria (F.) (Coreidae):					
Ananas comosus (pineapple)	do	1			Tex.
Hypnoidus riparius F. (Elateridae):					
Sod in sand ballast	England, Iceland	2			N. Y.
Hypsipyla grandella (Zell.) (Phycitidae):					
Cedrela sp.	Brazil	1			N. Y.
Iridomyrmex dispertitus For. (Formicidae):					
Orchid	Mexico			1	Tex.
Iridomyrmex humilis Mayr (Formicidae):					
Airplane	South Pacific		1		Hawaii.*
Iridomyrmex iniquus Mayr (Formicidae):					
Cattleya sp. (orchid)	Colombia			1	P. R.
Iridomyrmex iniquus nigella Em. (Formicidae):					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Epidendrum atropurpureum (orchid)	Guatemala			1	Calif.*
Epidendrum ciliare	do			1	Calif.*
Epidendrum nemorale	do			1	Calif.*
Laelia rubescens (orchid)	do			1	Calif.*
Odontoglossum bictoniense (orchid)	do			1	Calif.*
Odontoglossum grande	do			1	Calif.*
Oncidium cavendishianum (orchid)	do			2	Calif.*
Oncidium leucochilum	do			1	Calif.*
Oncidium splendidum	do			1	Calif.*
Orchid	Guatemala, Mexico			4	Calif.*
Sobralia macrantha (orchid)	Guatemala			1	Calif.*
Laspeyresia leguminis Heinrich (Olethreutidae):					
Phaseolus sp. (string bean)	Mexico	2			Ariz., Tex.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Portugal	6			Pa.
Quercus sp. (oak)	Algeria			1	N. J.
Laspeyresia youngana (Kearf.) (?) (Olethreutidae):					
Picea sp. (spruce)	British Columbia			2	Wash.
Leperisinus frazini Panz. (Scolytidae):					
Frazinus sp. (ash)	England	3			N. Y.
Lepidosaphes chinensis Chamb. (Coccidae):					
Epidendrum atropurpureum (orchid)	Costa Rica			1	Calif.*
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Cactus	Mexico			1	Tex.
Lepidosaphes tokionis (Kuw.) (Coccidae):					
Codiaeum variegatum (croton)	Hawaii			1	Calif.*
Lepidosaphes tuberculata Malen. (Coccidae):					
Cymbidium giganteum (orchid)	Australia			1	Wash.
Cymbidium sp.	England			3	N. J.
Leucaspis cockerelli (de Charmoy) (Coccidae):					
Lycaste sp. (orchid)	Colombia			1	Calif.*
Orchid	Soldier's mail			2	Wash.
Leucinodes elegantalis Gn. (Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	100			Tex.
Solanum melongena (eggplant)	do	4			Tex.
Leucopoecila albofasciata Reuter (Miridae):					
Lactuca sativa (lettuce)	do	2			Ariz., Tex.
Portulaca oleracea (purslane)	do	1			Tex.
Ligyrocoris abdominalis (Guerin) (Lygaeidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Ligyrocoris auriviliana (Dist.) (Lygaeidae):					
Fragaria sp. (strawberry)	do	1			Tex.
Physalis sp. (husk tomato)	do	1			Tex.
Punica granatum (pomegranate)	do	1			Ariz.
Lineodes integra (Zell.) (Pyraustidae):					
Lycopersicon esculentum (tomato)	do	3			Ariz.
Liothrips vaneeckei Pr. (Thripidae):					
Lilium sp. (lily)	British Columbia			1	Wash.

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Liriomyza pusilla (Meig.) (Agromyzidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Medicago sativa (alfalfa)	do	1			Tex.
Listronotus oregonensis Lec. (Curculionidae):					
Daucus carota sativa (carrot)	do	9			Tex.
Listronotus scapularis Csy. (Curculionidae):					
Groceries	do	1			Tex.
Listrus senilis (Lec.) (Dasytidae):					
Miscellaneous flowers	Guatemala, Mexico	2			Tex.
Orchid	Mexico	1			Tex.
Lithophorus ornatus Arrow (Colydiidae):					
Prosopis sp. (mesquite)	do		1		Tex.
Lorita abornana chatka Busck (Phaloniidae):					
Capsicum frutescens (pepper)	do	1			Ariz.
Lygaeus circumplicatus Dist. (Lygaeidae):					
Tillandsia sp	do			1	Tex.
Lygaeus kalmii Stal (Lygaeidae):					
Lycopersicon esculentum (tomato)	do	1			Tex.
Lygaeus pulchellus (F.) Lygaeidae):					
Tillandsia sp	do			1	Tex.
Lygaeus uhleri Stal (Lygaeidae):					
Zea mays (corn)	do	1			Ariz.
Lygaeus vittiscutis Stal (Lygaeidae):					
Soil around plants	do	1			Tex.
Lygus oblineatus (Say) (Miridae):					
Brassica rapa (turnip)	do	1			Tex.
Brassica sp. (mustard)	do	1			Tex.
Lactuca sativa (lettuce)	do	4			Tex.
Lygus sallei Stal (Miridae):					
Lactuca sativa (lettuce)	do	1			Tex.
Macrosteles divisus (Uhl.) (Cicadellidae):					
Lactuca sativa (lettuce)	do	2			Tex.
Magdalis armigera (Geoff.) (Curculionidae):					
Ulmus sp. (elm)	England	5			N. Y.
Maruca testulalis (Geyer) (Pyraustidae):					
Airplane	South Pacific		1		Hawaii.*
Phaseolus sp. (string bean)	Brazil, Hawaii, New Caledonia, Puerto Rico.		6		Ala., Calif.,* La., N. Y.
Megacerus leucosomus (Sharp) (Bruchidae):					
Ipomoea sp	Mexico			1	D. C.
Metamasius sericeus (Latr.) (Curculionidae):					
Musa paradisiaca sapientum (banana)	Costa Rica	3			Calif.*
Micracisella opacithoraz (Schedl) (Scolytidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Tex.
Micrapate dinoderoides (Horn) (Bostrichidae):					
Groceries	do	1			Tex.
Micrapate labialis Lesne (Bostrichidae):					
Wood	do	6			Ariz., Wash.
Milichiella lacteipennis (Loew) (Agromyzidae):					
Airplane	South Pacific		1		Hawaii.*
Moneilema opuntiae Fisher (Cerambycidae):					
Mammillaria sempervivi (cactus)	Mexico			1	Tex.
Moodna bisinuella Hemp. (Phycitidae):					
Zea mays (corn)	do	16			Tex.
Mordellistena cattleyana Champ. (Mordellidae):					
Cattleya gigas (orchid)	Colombia			1	Calif.*
Cattleya sp	do			3	N. J.
Mordellistena conformis Sm. (Mordellidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Morganella longispina (Morg.) (Coccidae):					
Citrus sinensis (orange)	Australia		1		Calif.*
Unidentified plant	India		1		Calif.*
Myodocha longicollis Stal (Lygaeidae):					
Airplane	Mexico		1		Tex.
Nabis alternatus Parsh. (Nabidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Medicago sativa (alfalfa)	do	1			Tex.
Nasutitermes costaricensis Holmgr. (Termitidae):					
Swietenia mahagoni (mahogany)	Nicaragua	1			Calif.*
Neoclytus cacicus (Chev.) (Cerambycidae):					
Guajacum officinale (lignumvitae)	Cuba	1			N. Y.

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Neodryocoetes exquisitus Blkm. (Scolytidae):					
Wood	Mexico	1			Wash.
Neokolla gothica (Sign.) (Cicadellidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Notogramma stigma (F.) (Otitidae):					
Physalis sp. (husk tomato)	do	1			Tex.
Solanum tuberosum (potato)	do		1		Tex.
Nysius minutus Uhler (Lygaeidae):					
Anthemis cotula (dogfennel)	do	3			Tex.
Beta vulgaris (beet)	do	17			Tex.
Beta vulgaris cicla (Swiss chard)	do	2			Tex.
Brassica rapa (turnip)	do	28			Tex.
Brassica sp. (mustard)	do	18			Tex.
Daucus carota sativa (carrot)	do	1			Tex.
Lactuca sativa (lettuce)	do	7			Tex.
Lycopersicon esculentum (tomato)	do	1			Tex.
Petroselinum crispum (parsley)	do	2			Tex.
Portulaca oleracea (purslane)	do	18			Tex.
Raphanus sativus (radish)	do	23			Tex.
Vanilla sp. (orchid)	do			1	Tex.
Nysius monticola Dist. (Lygaeidae):					
Petroselinum crispum (parsley)	do	1			Tex.
Nysius nigriscutellatus Usinger (Lygaeidae):					
Airplane	South Pacific		1		Hawaii.*
Odontolozozus longicornis (Coq.) (Tylidae):					
Lycopersicon esculentum (tomato)	Mexico	1			Ariz.
Oligolochus discretus (Champ.) (Curculionidae):					
Dianthus sp. (carnation)	do	1			Tex.
Oligembia nigrina Ross (Oligembiidae):					
Cattleya sp. (orchid)	Trinidad			1	N. J.
Oplomus pulcher Dall. (Pentatomidae):					
Tillandsia sp	Mexico			1	Tex.
Opsius stactogalus (Fieb.) (Cicadellidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Lycopersicon esculentum (tomato)	do	1			Calif.
Rosa sp.	do			1	Tex.
Orthognathus subparallelus (Chev.) (Curculionidae):					
Musa paradisiaca sapientum (banana)	do	1			Tex.
Oxy Serenus hyalinipennis Costa (Lygaeidae):					
Convolvulus sp	Brazil			1	D. C.
Oxydema fusiforme Woll. (Curculionidae):					
Airplane	South Pacific		2		Hawaii*
Pachybrachius bilobatus (Say) (Lygaeidae):					
Lycopersicon esculentum (tomato)	Mexico	2			Ariz.
Pachybrachius nigriceps (Dallas) (Lygaeidae):					
Airplane	Johnston Island, South Pacific.		3		Hawaii*
Pachybrachius vinctus (Say) (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Palaeopus costicillis Marsh. (Curculionidae):					
Dioscorea sp. (yam)	Venezuela		2		Md.
Ipomoea batatas (sweetpotato)	Haiti, Jamaica		2		N. Y.
Pantomorus godmani Crotch (Curculionidae):					
Palm	Madeira Islands		1		Pa.
Polianthes tuberosa (tuberose)	Mexico	1			Tex.
Parlatoria cinerea D. & H. (Coccidae):					
Citrus aurantifolia (sour lime)	Colombia		1		Calif.*
Citrus paradisi (grapefruit)	Argentina, Honduras		2		Calif.,* Fla.*
Citrus sinensis (orange)	Argentina, Brazil		4		Calif.,* Fla.*
Parlatoria oleae (Colvee) (Coccidae):					
Rosa sp.	Iran	1			Fla.*
Parlatoria ziziphus (Lucas) (Coccidae):					
Citrus reticulata (tangerine)	Algeria		1		Pa.
Citrus sinensis (orange)	Algeria, Brazil	1	4		Fla.,* N. Y., Pa.
Paromius longulus (Dallas) (Lygaeidae):					
Allium cepa (onion)	Mexico		1		La.
Parthenothrips dracaenae (Heeger) (Thripidae):					
Cymbidium sp. (orchid)	England			2	N. J.

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Pealius hibisci (Kot.) (Aleyrodidae):					
Hibiscus sp.	Hawaii			1	Calif.*
Pectinophora gossypiella (Saund.) (Gelechiidae):					
Gossypium sp. (cottonseed)	Argentina, Dominican Republic, Hawaii, India, Mexico, Puerto Rico, St. Vincent, Sicily (soldier's mail), soldiers' mail, Mediterranean area (soldier's mail).	8	1	4	Calif.*, D. C., Md., Minn., N. J., N. Y., Pa., P. R. Tex.
Gossypium sp. (cotton) (boll)	Mexico	1			Tex.
Gossypium sp. (seed cotton)	Mexico, Sicily (?) (soldier's mail), soldier's mail.	6			N. Y., Tex.
Hibiscus esculentus (okra)	Mexico	1			Tex.
Phenacaspis pinifoliae (Fitch) (Coccidae):					
Pinus sp. (pine)	Canada	1		1	Mich., Minn.
Phenococcus gossypii Towns. & Ckll. (Coccidae):					
Chrysanthemum parthenium (feverfew)	Mexico	1			Tex.
Daisy	do	1			Tex.
Pelargonium sp. (geranium)	do	1		1	Ariz., Tex.
Phenacoccus solani Ferris (Coccidae):					
Lycopersicon esculentum (tomato)	Hawaii		1		Calif.*
Philophylla heraclei (L.) (Tephritidae):					
Apium graveolens (celery)	England		1		N. Y.
Phloeotribus scarabaeoides (Bern.) (Scolytidae):					
Wood	Portugal	4			La.
Phyllophaga vetula (Horn) (Scarabaeidae):					
Chrysanthemum sp.	Mexico			1	Ariz.
Phyllotreta pusilla Horn (Chrysomelidae):					
Brassica hirta (white mustard)	do	1			Calif.
Phymata fasciata (Gray) (Phymatidae):					
Daisy	do	1			Tex.
Pinnaspis buxi (Bouche) (Coccidae):					
Cocos nucifera (coconut)	Hawaii			1	Calif.*
Pinnaspis townsendi (Ckll.) (Coccidae):					
Cymbidium sp. (orchid)	Canal Zone			1	Tex.
Pityophthorus cribratus Blkm. (Scolytidae):					
Pinus sp. (pine)	Mexico	4			Tex.
Placosternus difficilis (Chevr.) (Cerambycidae):					
Ananas comosus (pineapple)	do	1			Tex.
Plagiometriona diversicollis (Schaef.) (Chrysomelidae):					
Capsicum frutescens (pepper)	do	1			Ariz.
Daucus carota sativa (carrot)	do	1			Ariz.
Plateumaris sericea (L.) (Chrysomelidae):					
Azalea sp.	England			1	N. J.
Platynota rostrana (Wlk.) (Tortricidae):					
Lycopersicon esculentum (tomato)	Mexico	11			Tex.
Rosa sp.	do	1			Tex.
Platynota stultana (Wlsm.) (Tortricidae):					
Capsicum frutescens (pepper)	do	94			Ariz.
Lycopersicon esculentum (tomato)	do	18			Ariz., Tex.
Phaseolus sp. (string bean)	do	1			Tex.
Pnyxia scabiei (Hopk.) (Fungivoridae):					
Lilium tigrinum (tiger lily)	do			1	Tex.
Lilium sp. (lily)	do			1	Tex.
Podisus acutissimus Stal (Pentatomidae):					
Citrus sp.	do		1		Tex.
Poronotus constrictus (Stal) (Anthocoridae):					
Khaya sp.	Gold Coast	1			Md.
Lilium longiflorum (Easter lily)	Mexico			1	Tex.
Prodenia dolichos (F.) (Phalaenidae):					
Lycopersicon esculentum (tomato)	do	6			Ariz.
Prostephanus truncatus (Horn) (Bostrichidae):					
Zea mays (corn)	Guatemala, Mexico	1		2	N. J., Tex.

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Protopulvinaria pyriformis (Ckll.) (Coccidae):					
Camellia japonica (camellia)	Trinidad			1	N. J.
Leaf	Mexico		1		Tex.
Psammobius batesi Arr. (Scarabaeidae):					
Portulaca oleracea (purslane)	do	1			Calif.
Pseudaonidia fimbriata (Mask.) (Coccidae):					
Simaroubaceae	Australia	1			N. Y.
Pseudaonidia trilobitiformis (Green) (Coccidae):					
Citrus limon (lemon)	Brazil	2			Fla.*
Leaf	Mexico		1		Tex.
Mangifera indica (mango)	Brazil, Puerto Rico	2			N. Y.
Pseudischnaspis alienus (Newst.) (Coccidae):					
Cattleya skinneri (orchid)	Costa Rica			1	Calif.*
Cattleya sp.	do			1	N. J.
Epidendrum aurantiacum (orchid)	Guatemala			1	Calif.*
Laelia acuminata (orchid)	do			1	Calif.*
Laelia sp.	Mexico			1	Tex.
Orchid	Canal Zone			1	Tex.
Pseudischnaspis bowreyi (Newst.) (Coccidae):					
Cattleya sp. (orchid)	Venezuela			1	N. J.
Pseudococcus boninsis (Kuw.) (Coccidae):					
Saccharum officinarum (sugarcane)	Mexico	1			Tex.
Pseudoparlatoria perparvula Ferris (Coccidae):					
Persea americana (avocado)	do	1			Tex.
Psila rosae (F.) (Psilidae):					
Daucus carota sativa (carrot)	England		1		N. Y.
Psylla minor Crawf. (Psyllidae):					
Salix discolor (pussywillow)	Canada	1			Wash.
Psylliodes chrysocephala (L.) (Chrysomelidae):					
Brassica rapa (turnip)	England		1		N. Y.
Pteleobius vittatus (F.) (Scolytidae):					
Ulmus sp. (elm)	do	2			N. Y.
Pulvinaria floccifera (Westw.) (Coccidae):					
Cymbidium sp. (orchid)	do			1	N. J.
Lycaste skinneri (orchid)	do			1	N. J.
Pulvinaria psidii Mask. (Coccidae):					
Gardenia augusta (Cape-jasmine)	Puerto Rico, Venezuela	2			Fla.*
Renocis mexicanus Blkm. (Scolytidae):					
Wood	Mexico	4			Ariz., Tex., Wash.
Rhagoletis pomonella (Walsh) (Tephritidae):					
Malus pumila (apple)	do	1	1		Tex.
Rhagoletis striatella (Wulp) (Tephritidae):					
Physalis sp. (husk tomato)	do	2			Tex.
Rhizophagus bipustulatus (F.) (Rhizophagidae):					
Quercus sp. (oak)	England	1			N. Y.
Rhopalosiphoninus latysiphon (David.) (Aphiidae):					
Polianthes sp.	Mexico			1	Tex.
Rhyncolus longulus Boh. (Curculionidae):					
Dendrobium sp. (orchid)	Hawaii			1	Calif.*
Lycopersicon esculentum (tomato)	do	1			Calif.*
Ripersia palmarum Ehrh. (Coccidae):					
Cocos nucifera (coconut)	do	1	6		Calif.*
Scaphytopius irroratus (Van D.) (Cicadellidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Scatella seznotata Cr. (Ephydridae):					
Airplane	Midway, Palmyra Island, South Pacific.		18		Hawaii.*
Scolytus intricatus Ratz. (Scolytidae):					
Ulmus sp. (elm)	England	1			N. Y.
Scolytus multistriatus (Marsh.) (Scolytidae):					
Ulmus sp. (elm)	do	2			N. Y.
Scyphophorus acupunctatus Gyll. (Curculionidae):					
Agave victoriae-reginae	Mexico			1	Tex.
Simplocaria semistriata (F.) (Byrrhidae):					
Sod in sand ballast	Scotland	1			N. Y.

List of pests (insects) collected and reported, July 1, 1943, to June 30, 1944, incl.—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Sinoxylon anale Lesne (Bostrichidae):					
Wooden crates	India	1			N. Y.
Sisamnes contractus Dist. (Lygaeidae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Sitona lineata (L.) (Curculionidae):					
Soil around lily plant	Canada			1	Wash.
Sitona regensteinensis (Hbst.) (Curculionidae):					
Snail	England	1			N. Y.
Sizeonotus areolatus Knight (Miridae):					
Lactuca sativa (lettuce)	Mexico	1			Tex.
Sizeonotus luteiceps Reut. (Miridae):					
Mammillaria compressa (cactus)	do			1	Tex.
Mammillaria dietrichiae	do			1	Tex.
Mammillaria hahniana	do			1	Tex.
Mammillaria melispina	do			1	Tex.
Mammillaria craigii	do			1	N. J.
Mammillaria sp.	do			3	Tex.
Stenoma catenifer Wlsm. (Stenomidae):					
Persea americana (avocado)	Costa Rica, Mexico	4			Tex.
Stephanoderes brasiliensis Hopk. (Scolytidae):					
Attalea sp.	Brazil	1			N. Y.
Stephanoderes guatemalensis Hopk. (Scolytidae):					
Orchid	Canal Zone			1	Tex.
Sternochetus mangiferae F. (Curculionidae):					
Mangifera indica (mango)	Australia, Hawaii, India	3	2	3	Calif., La., Md.
Stephanopachys rugosus (Oliv.) (Bostrichidae):					
Pinus sp. (pine)	Mexico	2			Tex.
Stoeberhinus testaceus Btl. (Gelechiidae):					
Airplane	South Pacific		3		Hawaii *
Taeniothrips atratus (Hal.) (Thripidae):					
Tulipa sp. (tulip)	England			1	N. Y.
Taeniothrips ericae (Hal.) (Thripidae):					
Calluna vulgaris (heather)	Scotland	3			Md., Minn., N. Y.
Taeniothrips simplex Morison (Thripidae):					
Gladiolus sp.	Australia, New Zealand			2	Calif.*
Talponia batesi Hein. (Oiethreutidae):					
Annona cherimola (cherimoya)	Mexico	3			Tex.
Talurus salvini (Jacoby) (Chrysomelidae):					
Ananas comosus (pineapple)	do	1			Tex.
Targionia bromeliae ("Newst." Leon.) (Coccidae):					
Ananas comosus (pineapple)	do	3			Ariz.
Targionia hartii (Ckll.) (Coccidae):					
Dioscorea sp. (yam)	Canal Zone, Cuba, Panama.	1	3		Calif.,* Fla.,* Hawaii*
Zingiber officinale (ginger)	Cuba, Fiji Islands	1	1		Calif.,* Fla.*
Targionia sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Cuba		3		Fla.,* Md., Pa.
Teleonemia nigrina Champ. (Tingitidae):					
Rosa sp.	Mexico	1			Tex.
Tenthecoris bicolor Scott (Miridae):					
Cattleya sp. (orchid)	Venezuela			4	N. J.
Tetraleurodes mori (Q.) (Aleyrodidae):					
Acer mexicanum	Mexico			1	Ariz.
Psidium guajava (guava)	do	1			Ariz.
Unknown leaf	do	1			Ariz.
Tetraleurodes ursorum (Ckll.) (Aleyrodidae):					
Epigaea repens (trailing arbutus)	Canada	1			Mass.
Rosa sp.	Mexico	1			Tex.
Tetrapriocera longicornis (Oliv.) (Bostrichidae):					
Ananas comosus (pineapple)	do	1			Tex.
Wood	Cuba	1			Tex.
Thyanta maculata (F.) (Pentatomidae):					
Zea mays (corn)	Mexico	1			Tex.
Toxotrypana curvicauda Gerst. (Tephritidae):					
Carica papaya (papaya)	do	1			Ariz.
Trialeurodes vaporariorum (Westw.) (Aleyrodidae):					
Herb	do	1			Tex.
Pelargonium graveolens (rose geranium)	do	1			Tex.

List of pests (insects) collected and reported, July 1, 1943, to June 30, 1944, incl.—Con.

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
Trialeurodes variabilis (Q.) (Aleyrodidae):					
Acer mexicanum	Mexico			1	Ariz.
Trialeurodes vitrinellus Ckll. (Aleyrodidae):					
Leaf	do			1	N. J.
Trichoplusia ni (Hbn.) (Phalaenidae):					
Brassica oleracea capitata (cabbage)	do	1			Tex.
Trichocoriza louisianae Jaczewski (Corixidae):					
Lactuca sativa (lettuce)	do	1			Tex.
Tychius sulcatulus Csy. (Curculionidae):					
Prosopis sp. (mesquite)	do		1		Tex.
Valtissius diversus (Dist.) (Lygaeidae):					
Lycopersicon esculentum (tomato)	do	1			Tex.
Physalis sp. (husk tomato)	do	1			Tex.
Sobralia macrantha (orchid)	Guatemala			1	Calif.*
Vinsonia stellifera (Westw.) (Coccidae):					
Cattleya skinneri (orchid)	Dominican Republic			1	N. J.
Cattleya sp.	Brazil (?)			1	N. J.
Epidendrum sp. (orchid)	Jamaica			1	N. J.
Oncidium sp. (orchid)	Canal Zone, Dominican Republic.			2	N. J., Tex.
Orchid	South America (?)	1			Fla.*
Wasmannia auropunctata (Roger) (Formicidae):					
Musa paradisiaca sapientum (banana)	Guadeloupe	1			Md.
Wasmannia rochai Forel (Formicidae):					
Orchid	Canal Zone			2	Tex.
Xyleborus confusus Eich. (Scolytidae):					
Swietenia mahagoni (mahogany)	Nicaragua	1			Calif.*
Xylion securifer Lesne (Bostrichidae):					
Khaya sp.	Gold Coast	2			Md.
Xylopertha crinitarsis (Imh.) (Bostrichidae):					
Khaya sp.	do	4			Md.
Zabrotes subfasciatus (Boh.) (Bruchidae):					
Bean	Mexico	24			Ariz., Calif., Tex.
Capsicum frutescens (pepper)	do	1			Tex.
Coffea sp. (coffee)	do	1			Tex.
Portulaca oleracea (pursiane)	do	1			Tex.

Hosts and insects

ABRUS:
Caryopemon cruciger (Coleoptera)
ACACIA:
Acanthoscelides dominicanus (Coleoptera)
ACER:
Bemisia inconspicua (Homoptera)
Clytus arietis (Coleoptera)
Tetraleurodes mori (Homoptera)
Trialeurodes variabilis (Homoptera)
ACHRAS:
Asterolecanium pustulans (Homoptera)
ACROCOMIA:
Coccotrypes dactyliperda (Coleoptera)
AGAVE:
Scyphophorus acupunctatus (Coleoptera)
ALLIUM CEPA:
Paromius longulus (Hemiptera)
ALLIUM SATIVUM:
Amphicerus cornutus (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Exptochiomera minima (Hemiptera)
ANANAS:
Acroleucus vicinalis (Hemiptera)
Alaus lusciosus (Coleoptera)
Alpheias conspirata (Lepidoptera)
Blissus leucopterus insularis (Hemiptera)
Catolethrus longulus (Coleoptera)
Elaphria agrotina (Lepidoptera)
Epicauta albida (Coleoptera)
Exptochiomera minima (Hemiptera)
Homalodisca triquetra (Hemiptera)
ANANAS—Continued.
Holymenia histrio (Hemiptera)
Pachybrachius vinctus (Hemiptera)
Placosternus difficilis (Coleoptera)
Talurus salvini (Coleoptera)
Targionia bromeliae (Homoptera)
Tetraprioceraa longicornis (Coleoptera)
ANNONA:
Aspidiotus herculeanus (Homoptera)
Talponia batesi (Lepidoptera)
ANTHEMIS:
Nysius minutus (Hemiptera)
ANTHOCLEISTA:
Corcyra cephalonica (Lepidoptera)
APIUM:
Anuraphis apiifolia (Homoptera)
Draeculacephala minerva (Hemiptera)
Philophylla heraclei (Diptera)
ARACHIS:
Amphicerus cornutus (Coleoptera)
ARTEMISIA:
Empoasca nigra typhlocyboides (Hemiptera)
ATTALEA:
Stephanoderes braziliensis (Coleoptera)
AZALEA:
Plateumaris sericea (Coleoptera)
BAMBOO:
Amphicerus cornutus (Coleoptera)
Asterolecanium miliaris robustum (Homoptera)
Eucalandra setulosa (Coleoptera)

Hosts and insects—Continued

BEAN:
Callosobruchus maculatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
BETA VULGARIS:
Corcyra cephalonica (Lepidoptera)
Nysius minutus (Hemiptera)
BETA VULGARIS CICLA:
Nysius minutus (Hemiptera)
BRASSAVOLA. See Orchidaceae
BRASSICA HIRTA:
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Phyllotreta pusilla (Coleoptera)
BRASSICA NAPOBRASSICA:
Ceutorhynchus pleurostigma (Coleoptera)
BRASSICA OLERACEA ACEPHALA:
Hellula phidilealis (Lepidoptera)
BRASSICA OLERACEA BOTRYTIS:
Evergestis rimosalis (Lepidoptera)
BRASSICA OLERACEA CAPITATA:
Autographa brassicae (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Hellula undalis (Lepidoptera)
Trichoplusia ni (Lepidoptera)
BRASSICA RAPA:
Ceutorhynchus pleurostigma (Coleoptera)
Evergestis rimosalis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
Psylliodes chrysocephala (Coleoptera)
BRASSICA SP. (mustard)
Epilachna varirestis (Coleoptera)
Evergestis rimosalis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
BROMELIACEAE:
Chrysomphalus umboniferus (Homoptera)
BROWNEA:
Dercynus micronyx (Coleoptera)
CACTACEAE:
Lepidosaphes philococcus (Homoptera)
Moneilema opuntiae (Coleoptera)
Sixeontus luteiceps (Hemiptera)
CAESALPINIA:
Acanthoscelides dominicanus (Coleoptera)
CAJANUS:
Callosobruchus chinensis (Coleoptera)
Heliothis subflexa (Lepidoptera)
CALLUNA:
Taeniothrips ericae (Thysanoptera)
CAMELLIA:
Aspidiotus palmae (Homoptera)
Protopulvinaria pyriformis (Homoptera)
CAPSICUM:
Callosobruchus maculatus (Coleoptera)
Carpolonchaea pendula (Diptera)
Ceratitis capitata (Diptera)
Conotrachelus seniculus (Coleoptera)
Europs pallipennis (Hemiptera)
Gnorimoschema gudmannella (Lepidoptera)
Lorita abornana chalka (Lepidoptera)
Plagiometriona diversicollis (Coleoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
CARICA:
Toxotrypana curvicauda (Diptera)
CASSIA:
Caryedon fuscus (Coleoptera)
CASTANEA:
Laspeyresia splendana (Lepidoptera)
CATTLEYA. See Orchidaceae
CEDRELA:
Hypsipyla grandella (Lepidoptera)
CHRYSANTHEMUM:
Acanthoscelides saltaei (Coleoptera)
Eupeodes volucris (Diptera)
Euxesta notata (Diptera)
Exptochiomera minima (Hemiptera)
Homocosoma electellum (Lepidoptera)
Phenacoccus gossypii (Homoptera)
Phyllophaga vetula (Coleoptera)
CICER:
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
CINCHONA:
Ambiycerus scutellaris (Coleoptera)
CITRUS AURANTIFOLIA: (sour and sweet lime)
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Parlatoria cinerea (Homoptera)
CITRUS LIMON:
Pseudaonidia trilobitiformis (Homoptera)
CITRUS PARADISI:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Ceratitis capitata (Diptera)
Dialeurodes citrifolii (Homoptera)
Parlatoria cinerea (Homoptera)
CITRUS RETICULATA:
Parlatoria ziziphus (Homoptera)
CITRUS SINENSIS:
Anastrepha fraterculus (?) (Diptera)
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria ziziphus (Homoptera)
CITRUS SP.
Dialeurodes citrifolii (Homoptera)
Podisus acutissimus (Hemiptera)
COCOS:
Amphicerus cornutus (Coleoptera)
Aonidiella eremocitri (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus personatus (Homoptera)
Ereunetis flavistriata (Lepidoptera)
Pinnaspis buxi (Homoptera)
Ripersia palmarum (Homoptera)
CODIAEUM:
Lepidosaphes tokionis (Homoptera)
COFFEA:
Callosobruchus maculatus (Coleoptera)
Coccus viridis (Homoptera)
Zabrotes subfasciatus (Coleoptera)
CONVOLVULUS:
Ozycarenus hyalinipennis (Hemiptera)
CUCUMIS:
Dacus cucurbitae (Diptera)
CUCURBITA:
Diaphania nitidalis (Lepidoptera)
CYDONIA:
Anastrepha ludens (Diptera)
Grapholitha packardi (Lepidoptera)
CYMBIDIUM. See Orchidaceae
CYRTOPODIUM. See Orchidaceae
DAHLIA:
Endrosis lacteella (Lepidoptera)
DAISY:
Carneocephala sagittifera (Hemiptera)
Exptochiomera minima (Hemiptera)
Exptochiomera oblonga (Hemiptera)
Phenacoccus gossypii (Homoptera)
Phymata fasciata (Hemiptera)
DAUCUS:
Agromyza virens (Diptera)
Elasmopalpus lignosellus (Lepidoptera)
Listronotus oregonensis (Coleoptera)
Nysius minutus (Hemiptera)
Plagiometriona diversicollis (Coleoptera)
Psila rosae (Diptera)
DIANTHUS:
Conotrachelus leucophaetus (Coleoptera)
Haplothrips gowdeyi (Thysanoptera)
Oligolochus discretus (Coleoptera)
DIOSCOREA:
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
Targionia hartii (Homoptera)
DOLICHOS:
Callosobruchus phaseoli (Coleoptera)
EPIDENDRUM. See Orchidaceae
EPIGAEA:
Tetraleurodes ursorum (Homoptera)
FICUS:
Coccotrypes dactyliperda (Coleoptera)

Hosts and insects—Continued

FRAGARIA:
Ligyrocoris auriviliana (Hemiptera)
FRAXINUS:
Leperisinus fraxini (Coleoptera)
GARDENIA:
Aleurothrixus myrtacei (Homoptera)
Aonidiella citrina (Homoptera)
Carneocephala flaviceps (Hemiptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Franklinella insularis (Thysanoptera)
Pulvinaria psidii (Homoptera)
GLADIOLUS:
Estigmene acrea (Lepidoptera)
Taeniothrips simplex (Thysanoptera)
GOSSYPIUM:
Conoderus vespertinus (Coleoptera)
Corcyra cephalonica (Lepidoptera)
Exptochiomera minima (Hemiptera)
Heterobostrychus pileatus (Coleoptera)
Pectinophora gossypiella (Lepidoptera)
GUAJACUM:
Neoclytus cacicus (Coleoptera)
HELIANTHUS:
Agromyza virens (Diptera)
HIBISCUS:
Anacentrinus deplanatus (Coleoptera)
Crocidosema plebeiana (Lepidoptera)
Pealius hibisci (Homoptera)
Pectinophora gossypiella (Lepidoptera)
IPOMOEA:
Colobicus marginatus (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius, perhaps subsp. *formicarius* (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus leucosomus (Coleoptera)
Palaeopus costicollis (Coleoptera)
JUGLANS:
Bitoma crenata (Coleoptera)
KHAYA:
Poronotus constrictus (Hemiptera)
Xylion securifer (Coleoptera)
Xylopertha crinitarsis (Coleoptera)
LACTUCA:
Brochymena sulcata (Hemiptera)
Ceratocapsus punctulatus (Hemiptera)
Conoderus lividus (Coleoptera)
Drasterius livens (Coleoptera)
Empoasca fabae (Hemiptera)
Leucopoecila albofasciata (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Lygus obtineatus (Hemiptera)
Lygus sallei (Hemiptera)
Macrosteles divisus (Hemiptera)
Mordellistena conformis (Coleoptera)
Nabis alternatus (Hemiptera)
Neokolla gothica (Hemiptera)
Nysius minutus (Hemiptera)
Opsius stactogalus (Hemiptera)
Scaphytopius irroratus (Hemiptera)
Sisamnes contractus (Hemiptera)
Sizenotus areolatus (Hemiptera)
Trichocorixa louisianae (Hemiptera)
LAELIA. See Orchidaceae
LARIX:
Coleophora laricella (Lepidoptera)
LATHYRUS:
Franklinella fortissima (Thysanoptera)
LENS:
Bruchus lentis (Coleoptera)
LILIUM:
Drasterius livens (Coleoptera)
Liothrips vaneeckei (Thysanoptera)
Pnyria scabiei (Diptera)
Poronotus constrictus (Hemiptera)
LYCASTE. See Orchidaceae
LYCOPERSICON:
Apion subornatum (Coleoptera)
Carpolonchaea pendula (Diptera)
Chaetopsis fulvifrons (Diptera)
Elaphria agrotina (Lepidoptera)
Epitrix fasciata (Coleoptera)
Exptochionera oblonga (Hemiptera)
Flatoides fuscus (Hemiptera)

LYCOPERSICON—Continued.
Frankliniella fortissima (Thysanoptera)
Leucinodes elegantalis (Lepidoptera)
Ligyrocoris abdominalis (Hemiptera)
Limeodes integra (Lepidoptera)
Liriomyza pusilla (Diptera)
Lygaeus kalmii (Hemiptera)
Micracisella opacithorax (Coleoptera)
Nysius minutus (Hemiptera)
Odontolozozus longicornis (Diptera)
Opsius stactogalus (Hemiptera)
Pachybrachius bilobatus (Hemiptera)
Phenacoccus solani (Homoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Prodenia dolichos (Lepidoptera)
Rhyncolus longulus (Coleoptera)
Valtissius diversus (Hemiptera)
MALUS:
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
Rhagoletis pomonella (Diptera)
MALVA:
Dysdercus concinnus (Hemiptera)
MAMMEA:
Anastrepha serpentina (Diptera)
Aspidiotus spinosus (Homoptera)
MAMMILLARIA. See Cactaceae
MANGIFERA:
Anastrepha ludens (Diptera)
Anastrepha pombinpraeoptans (Diptera)
Aulacaspis mangiferae (Homoptera)
Ceratitis capitata (Diptera)
Pseudaonidia trilobitiformis (Homoptera)
Sternochetus mangiferae (Coleoptera)
MEDICAGO:
Adelphocoris superbus (Hemiptera)
Agromyza scutellata pascuum (Diptera)
Colias eurytheme (Lepidoptera)
Epilachna varivestis (Coleoptera)
Liriomyza pusilla (Diptera)
Nabis alternatus (Hemiptera)
MONODORA:
Asterolecanium pustulans (Homoptera)
MUSA:
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Metamasius sericeus (Coleoptera)
Orthognathus subparallelus (Coleoptera)
Wasmannia auropunctata (Hymenoptera)
NERIUM:
Aphis lutescens (Homoptera)
Asterolecanium pustulans (Homoptera)
ODONTOGLOSSUM. See Orchidaceae
OLEA:
Dacus oleae (Diptera)
ONCIDIUM. See Orchidaceae
ORCHIDACEAE:
Anaphothrips orchidaceus (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Ceratocombus vagans (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Conchaspis angraeci (Homoptera)
Diorymerellus laevimargo (Coleoptera)
Eurycipitia vestitus (Hymenoptera)
Eurytama orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Hercinothrips femoralis (Thysanoptera)
Iridomyrmex dispertitus (Hymenoptera)
Iridomyrmex iniquus (Hymenoptera)
Iridomyrmex iniquus nigella (Hymenoptera)
Lepidosaphes chinensis (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Listrus senilis (Coleoptera)
Mordellistena cattleyana (Coleoptera)
Nysius minutus (Hemiptera)
Oligembia nigrina (Hymenoptera)
Parthenothrips dracaenae (Thysanoptera)
Pinnaspis townsendi (Homoptera)
Pseudischnaspis alienus (Homoptera)
Pseudischnaspis bowreyi (Homoptera)
Pulvinaria floccifera (Homoptera)
Rhyncolus longulus (Coleoptera)
Stephanoderes guatemalensis (Coleoptera)

Hosts and insects—Continued

ORCHIDACEAE—Continued.
Tenthecoris bicolor (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Wasmannia rochai (Hymenoptera)
ORYZA:
Callosobruchus chinensis (Coleoptera)
Chilo simplex (?) (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
PACHYRHIZUS:
Caryedes jaspedius (Coleoptera)
PALM:
Aonidiella inornata (Homoptera)
Frankliniella williamsi (Thysanoptera)
Pantomorus godmani (Coleoptera)
PALMERIA:
Coccotrypes rolliniae (Coleoptera)
PARMENTIERA:
Bonchis munitalis (Lepidoptera)
Carpolonchaea pendula (Diptera)
PELARGONIUM:
Phenacoccus gossypii (Homoptera)
Trialeurodes vaporariorum (Homoptera)
PERSEA:
Aleurothrixus floccosus (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Epidiaspis piricola (Homoptera)
Exptochiomera minima (Hemiptera)
Pseudoparlatoria perparvula (Homoptera)
Stenoma catenifer (Lepidoptera)
PETROSELINUM:
Nysius minutus (Hemiptera)
Nysius monticola (Hemiptera)
PHASEOLUS:
Agromyza virens (Diptera)
Callosobruchus maculatus (Coleoptera)
Dacus cucurbitae (Diptera)
Elasmopalpus lignosellus (Lepidoptera)
Epilachna varivestis (Coleoptera)
Epinotia opposita (Lepidoptera)
Everes comyntas (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
PHYSALIS:
Epitrix hirtipennis (Coleoptera)
Gnorimoschema lavernella (Lepidoptera)
Heliothis subflexa (Lepidoptera)
Ligyrocoris auriviliana (Hemiptera)
Notogramma stigma (Diptera)
Rhagoletis striatella (Diptera)
Valtissius diversus (Hemiptera)
PHYTELEPHAS:
Coccotrypes dactyliperda (Coleoptera)
PICEA:
Laspeyresia youngana (?) (Lepidoptera)
PINUS:
Phenacaspis pinifoliae (Homoptera)
Pityophthorus cribratus (Coleoptera)
Stephanopachys rugosus (Coleoptera)
PITHECELLOBIUM:
Acanthoscelides flexicaulis (Coleoptera)
POLIANTHES:
Frankliniella bratleyi (Thysanoptera)
Pantomorus godmani (Coleoptera)
Rhopalosiphoninus latysiphon (Homoptera)
PORTULACA:
Colias eurytheme (Lepidoptera)
Conotrachelus seniculus (Coleoptera)
Heliodines bella (Lepidoptera)
Leucopoecila albofasciata (Hemiptera)
Nysius minutus (Hemiptera)
Psammobius batesi (Coleoptera)
Zabrotes subfasciatus (Coleoptera)
PROSOPIS:
Acanthoscelides protractus (Coleoptera)
Dendrobiella aspera (Coleoptera)
Lithophorus ornatus (Coleoptera)
Tychius sulcatulus (Coleoptera)
PRUNUS:
Anastrepha ludens (Diptera)
PSIDIUM:
Aleurothrixus floccosus (Homoptera)
Anastrepha striata (Diptera)
PSIDIUM—Continued.
Aspidiotus diffinis (Homoptera)
Tetraleurodes mori (Homoptera)
PUNICA:
Cryptoblabes gnidiella (Lepidoptera)
Ligyrocoris auriviliana (Hemiptera)
PYRUS:
Anastrepha ludens (Diptera)
QUERCUS:
Andricus furnessae (Hymenoptera)
Coninomus constrictus (Coleoptera)
Conotrachelus integer (Coleoptera)
Curculio q-griseae (Coleoptera)
Laspeyresia splendana (Lepidoptera)
Rhizophagus bipustulatus (Coleoptera)
RAPHANUS:
Epilachna varivestis (Coleoptera)
Hellula undalis (Lepidoptera)
Nysius minutus (Hemiptera)
RHODODENDRON:
Dialeurodes chittendeni (?) (Homoptera)
Drymus sylvaticus (Hemiptera)
RHOPALOSTYLIS:
Coccotrypes dactyliperda (Coleoptera)
RICINUS:
Catorama tabaci (Coleoptera)
RORIPPA:
Heliodines bella (Lepidoptera)
ROSA:
Frankliniella difficilis (Thysanoptera)
Frankliniella tritici (Thysanoptera)
Opsius stactogalus (Hemiptera)
Parlatoria oleae (Homoptera)
Platynota rostrana (Lepidoptera)
Teleonemia nigrina (Hemiptera)
Tetraleurodes ursorum (Homoptera)
SACCHARUM:
Calendra incurrens (Coleoptera)
Chilo loftini (Lepidoptera)
Diatraea saccharalis (Lepidoptera)
Pseudococcus boninsis (Homoptera)
Targionia sacchari (Homoptera)
SALIX:
Dorytomus luridus (Coleoptera)
Psylla minor (Homoptera)
SECALE:
Bruchus guttalis (Coleoptera)
Forficula auricularia (Orthoptera)
SECHIUM:
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
SEDUM:
Aphis sedi (Homoptera)
SERJANIA:
Dinoderus biforeolatus (Coleoptera)
SIMAROUBACEAE:
Pseudaonidia fimbriata (Homoptera)
SOBRALIA. See Orchidaceae
SOIL:
Agriotes mancus (Coleoptera)
Agriotes obscurus (Coleoptera)
Athous subfuscus (Coleoptera)
Autoserica castanea (Coleoptera)
Barynotus squamosus schonherri (Coleoptera)
Brachyrhinus desertus var. (Coleoptera)
Cossonus parallelepipedus (Coleoptera)
Dorcus parallelopipedus (Coleoptera)
Hypnoidus riparius (Coleoptera)
Lygaeus vittiscutis (Hemiptera)
Simplocaria semistriata (Coleoptera)
Sitona lineata (Coleoptera)
Sitona regensteinensis (Coleoptera)
SOLANUM MELONGENA:
Arvelius albopunctatus (Hemiptera)
Callarctia proxima autholea (Lepidoptera)
Conotrachelus subfasciatus (Coleoptera)
Epitrix fasciata (Coleoptera)
Leucinodes elegantalis (Lepidoptera)
SOLANUM TUBEROSUM:
Epicaerus cognatus (Coleoptera)
Epitrix fasciata (Coleoptera)
Euxesta notata (Diptera)
Notogramma stigma (Diptera)
SPINACIA:
Aceratagallia uhleri (Hemiptera)
SPONDIAS.
Anastrepha mombinpraeoptans (Diptera)

Hosts and insects—Continued

SWIETENIA:
Cordylomera spinicornis (Coleoptera)
Nasutitermes costaricensis (Isoptera)
Xyleborus confusus (Coleoptera)
TABERNAEMONTANA:
Chrysomphalus albopictus (Homoptera)
TILLANDSIA:
Acroleucus vicinalis (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Lygaeus pulchellus (Hemiptera)
Oplomus pulcher (Hemiptera)
TRACHYCARPUS:
Coccotrypes dactyliperda (Coleoptera)
TRITICUM:
Apion pomonae (Coleoptera)
TULIPA:
Taeniothrips atratus (Thysanoptera)
ULMUS:
Clytus arietis (Coleoptera)
Magdalis armigera (Coleoptera)
Pteleobius vittatus (Coleoptera)
Scolytus intricatus (Coleoptera)
Scolytus multistriatus (Coleoptera)
VANILLA. See Orchidaceae
VICIA:
Apion pomonae (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchus guttalis (Coleoptera)
Bruchus luteicornis (Coleoptera)
VIGNA:
Callosobruchus maculatus (Coleoptera)
VITIS:
Franklinothrips vespiformis (Thysanoptera)
ZEA:
Chaetopsis fulvifrons (Diptera)
Conotrachelus seniculus (Coleoptera)
Diatraea grandiosella (Lepidoptera)
Eumecosomyia nubila (Diptera)
Euxesta stigmatias (Diptera)
Lygaeus uhleri (Hemiptera)
Moodna bisinuella (Lepidoptera)
Prostephanus truncatus (Coleoptera)
Thyanta maculata (Hemiptera)
ZINGIBER:
Ceroplastes rubens (Homoptera)
Targionia hartii (Homoptera)
ZYGOPETALUM. See Orchidaceae

Hosts unknown

AIRPLANE:
Adoretus sinicus (Coleoptera)
Aedes vigilax (Diptera)
Eucnocerus anthrenoides (Coleoptera)
Fulvius peregrinator (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Maruca testulalis (Lepidoptera)
Milichiella lacteipennis (Diptera)
Myodocha longicollis (Hemiptera)
Nysius nigriscutellatus (Hemiptera)
Ozydema fusiforme (Coleoptera)
Pachybrachius nigriceps (Hemiptera)
Scatella seznotata (Diptera)
Stoeberhinus testaceus (Lepidoptera)
ALPINE PLANTS:
Barypeithes pellucidus (Coleoptera)
BOTTLE JACKET:
Bruchus guttalis (Coleoptera)
CANE-BOTTOM CHAIR:
Agrotis malefida (Lepidoptera)
FLOWERS:
Listrus senilis (Coleoptera)
GRASS:
Blissus leucopterus insularis (Hemiptera)
Bolacothrips jordani (Thysanoptera)
Chirothrips manicatus (Thysanoptera)
GROCERIES:
Drasterius scutellatus (Coleoptera)
Listronotus scapularis (Coleoptera)
Micrapate dinoderoides (Coleoptera)
HERB:
Exptochiomera minima (Hemiptera)
Exptochiomera oblonga (Hemiptera)
Trialeurodes vaporariorum (Homoptera)
LEAF:
Protopulvinaria pyriformis (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Tetraleurodes mori (Homoptera)
Trialeurodes vitrinellus (Homoptera)
LEGUME:
Caryedes calderensis (Coleoptera)
PACKAGE CONTAINING WOOLEN SCARF AND EXCELSIOR:
Heterobostrychus aequalis (Coleoptera)
PLANT:
Coccotrypes brassiaevorus (Coleoptera)
RAILWAY CAR:
Amphicerus cornutus (Coleoptera)
Anastrepha ludens (Diptera)
Brachyrhinus singularis (Coleoptera)
VEGETABLES:
Brochymena sulcata (Hemiptera)
Evergestis rimosalis (Lepidoptera)
WOOD:
Agrilus furcillatus (Coleoptera)
Andricus furnessae (Hymenoptera)
Asterolecanium pustulans (Homoptera)
Atrusca aggregata (Hymenoptera)
Heterobostrychus aequalis (Coleoptera)
Micrapate labialis (Coleoptera)
Morganella longispina (Homoptera)
Neodryocoetes exquisitus (Coleoptera)
Phloeotribus scarabaeoides (Coleoptera)
Renocis mexicanus (Coleoptera)
Sinozylon anale (Coleoptera)
Tetrapriocera longicornis (Coleoptera)

Country of origin and insects

AFRICA:
Ceratitis capitata
ALGERIA:
Laspeyresia splendana
Parlatoria ziziphus
ARABIA:
Callosobruchus maculatus
ARGENTINA:
Bruchus luteicornis
Parlatoria cinerea
Pectinophora gossypiella
AUSTRALIA:
Caryedon fuscus
Ceratitis capitata
Cylas formicarius elegantulus
Endrosis lacteella
Lepidosaphes tuberculata
Morganella longispina
Pseudaonidia fimbriata
Sternochetus mangiferae
Taeniothrips simplex
BAHAMAS:
Asterolecanium pustulans
Cylas formicarius elegantulus
Heliothis subflexa
BRAZIL:
Anastrepha fraterculus (?)
Callosobruchus phaseoli
Caryedes calderensis
Chrysomphalus personatus
Coccotrypes rolliniae
Cylas formicarius elegantulus
Euscepes postfasciatus
Hypsipyla grandella
Maruca testulalis
Orycarenus hyalinipennis
Parlatoria cinerea
Parlatoria ziziphus
Pseudaonidia trilobitiformis
Stephanoderes brasiliensis
Vinsonia stellifera

Country of origin and insects—Continued

BRITISH COLUMBIA:
Barypeithes pellucidus
Dorytomus luridus
Laspeyresia youngana (?)
Liothrips vaneeckei
CANADA:
Agriotes mancus
Coleophora laricella
Frankliniella tritici
Phenacaspis pinifoliae
Psylla minor
Sitona lineata
Tetraleurodes ursorum
CANAL ZONE:
Asterolecanium miliaris robustum
Elissus leucopterus insularis
Ceratocombus vagans
Coccus viridis
Eucnocerus anthrenoides
Furcaspis biformis
Pinnaspis townsendi
Pseudischnaspis alienus
Stephanoderes guatemalensis
Targionia hartii
Vinsonia stellifera
Wasmannia rochai
COLOMBIA:
Acanthoscelides dominicanus
Dinoderus bifoveolatus
Eumecosomyia nubila
Furcaspis biformis
Iridomyrmex iniquus
Leucaspis cockerelli
Mordellistena cattleyana
Parlatoria cinerea
COSTA RICA:
Aspidiotus destructor
Aspidiotus palmae
Chrysomphalus umboniferus
Furcaspis biformis
Lepidosaphes chinensis
Metamasius sericeus
Pseudischnaspis alienus
Stenoma catenifer
CUBA:
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Coccus viridis
Colobicus marginatus
Corcyra cephalonica
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Euscepes postfasciatus
Hellula phidilealis
Neoclytus cacicus
Targionia hartii
Targionia sacchari
Tetrapriocera longicornis
DOMINICA:
Asterolecanium pustulans
DOMINICAN REPUBLIC:
Anastrepha mombinpraeoptans
Aspidiotus destructor
Carpolonchaea pendula
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Frankliniella insularis
Pectinophora gossypiella
Vinsonia stellifera
DUTCH GUIANA:
Ceratitis capitata (?)
Euscepes postfasciatus
EGYPT:
Anuraphis apiifolia
Bruchidius incarnatus
Bruchus lentis
Ceratitis capitata (?)
ENGLAND:
Anaphothrips orchidaceus
Anaphothrips orchidii
Autoserica castanea
Bitoma crenata
Bolacothrips jordani
ENGLAND—Continued.
Ceutorhynchus pleurostigma
Clytus arietis
Cossonus parallelepipedus
Dialeurodes chittendeni (?)
Dorcus parallelopipedus
Drymus sylvaticus
Hercinothrips femoralis
Hypnoidus riparius
Leperisinus fraxini
Lepidosaphes tuberculata
Magdalis armigera
Parthenothrips dracaenae
Philophylla heraclei
Plateumatis sericea
Psila rosae
Psylliodes chrysocephala
Pteleobius vittatus
Pulvinaria floccifera
Rhizophagus bipustulatus
Scolytus intricatus
Scolytus multistriatus
Sitona regensteinensis
Taeniothrips atratus
FIJI ISLANDS:
Targionia hartii
FRENCH WEST AFRICA:
Cordylomera spinicornis
GOLD COAST:
Poronotus constrictus
Xylion securifer
Xylopertha crinitarsis
GUADELOUPE:
Wasmannia auropunctata
GUATEMALA:
Aleurothrixus myrtacei
Amblycerus scutellaris
Anastrepha ludens
Aphis sedi
Chrysomphalus personatus
Chrysomphalus umboniferus
Conotrachelus perseae
Diorymerellus laevimargo
Eurycipitia vestitus
Eurytoma orchidearum (?)
Frankliniella fortissima
Haplothrips gowdeyi
Iridomyrmex iniquus nigella
Listrus senilis
Prostephanus truncatus
Pseudischnaspis alienus
Valtissius diversus
HAITI:
Anastrepha mombinpraeoptans
Aspidiotus destructor
Callosobruchus chinensis
Cylas formicarius, probably *elegantulus*
Palaeopus corticollis
HAWAII:
Aspidiotus spinosus
Asterolecanium pustulans
Ceratitis capitata
Ceroplastes rubens
Dacus cucurbitae
Ereunetis flaristriata
Lepidosaphes tokionis
Maruca testulalis
Pealius hibisci
Pectinophora gossypiella
Phenacoccus solani
Pinnaspis buxi
Rhyncolus longulus
Ripersia palmarum
Sternochetus mangiferae
HONDURAS:
Aspidiotus destructor
Frankliniella difficilis
Parlatoria cinerea
ICELAND:
Hypnoidus riparius
INDIA:
Callosobruchus chinensis
Cylas formicarius
Cylas formicarius, perhaps subspecies *formicarius*
Heterobostrychus aequalis
Heterobostrychus pileatus
Morganella longispina

Country of origin and insects—Continued

INDIA—Continued.
Pectinophora gossypiella
Sinoxylon anale
Sternochetus mangiferae
IRAN:
Parlatoria oleae
IRAQ:
Callosobruchus maculatus
IRELAND:
Ceutorhynchus pleurostigma
JAMAICA:
Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Callosobruchus maculatus
Cylas formicarius elegantulus
Palaeopus costicollis
Vinsonia stellifera
JOHNSTON ISLAND:
Pachybrachius nigriceps
MADEIRA ISLANDS:
Bruchus guttalis
Cryptoblabes gnidiella
Pantomorus godmani
MARTINIQUE:
Euscepes postfasciatus
MEXICO:
Acanthoscelides dominicanus
Acanthoscelides flexicaulis
Acanthoscelides protractus
Acanthoscelides saltaci
Aceratagallia uhleri
Acroleucus vicinalis
Adelphocoris superbus
Agrilus furcillatus
Agromyza scuellata pascuum
Aromyza virens
Agrotis malefida
Alaus lusciosus
Aleurocanthus woglumi
Aleurothrixus floccosus
Aleurothrixus myrtacei
Alpheias conspirata
Amphicerus cornutus
Anacentrinus deplanatus
Anaphothrips orchidaceus
Anaphothrips orchidii
Anastrepha ludens
Anastrepha serpentina
Anastrepha striata
Andricus furnessae
Aonidiella citrina
Aphis lutescens
Apion subornatum
Arvelius albopunctatus
Aspidiotus diffinis
Aspidiotus palmae
Asterolecanium pustulans
Atrusca aggregata
Autographa barassicae
Bemisia inconspicua
Blissus leucopterus insularis
Bonchis munitalis
Brochymena sulcata
Calendra incurrens
Callarctia prorima autholea
Callosobruchus maculatus
Carneocephala flaviceps
Carneocephala sagittifera
Carpolonchaea pendula
Catolethrus longulus
Catorama tabaci
Ceratocapsus punctulatus
Chaetopsis fulvifrons
Chiloloftini
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus umboniferus
Colias eurytheme
Conoderus lividus
Conoderus vespertinus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus leucophaetus
Conotrachelus seniculus
Conotrachelus subfasciatus
Crocidosema plebeiana
Curculio q-griseae

MEXICO—Continued.
Cylas formicarius elegantulus
Dendrobiella aspera
Diaphania hyalinata
Diaphania nitidalis
Diatraea grandiosella
Diatraea saccharalis
Draeculacephala minerva
Drasterius livens
Drasterius scutellatus
Dysdercus concinnus
Elaphria agrotina
Elasmopalpus lignosellus
Empoasca fabae
Empoasca nigra typhlocyboides
Epicaerus cognatus
Epicauta albida
Epidiaspis piricola
Epilachna varivestis
Epinotia opposita
Epitrix fasciata
Epitrix hirtipennis
Estigmene acrea
Eucalandra setulosa
Eucalymnatus tessellatus
Eumecosomyia nubila
Eupeodes volucris
Europs pallipennis
Euxesta notata
Euxesta stigmatias
Everes comyntas
Evergestis rimosalis
Exptochiomera minima
Exptochiomera oblonga
Flatoides fuscus
Frankliniella bratleyi
Frankliniella fortissima
Frankliniella williamsi
Franklinothrips vespiformis
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholitha packardi
Heliodines bella
Heliothis subflexa
Hellula phidilealis
Hellula undalis
Holymenia histrio
Homalodisca triquetra
Homoeosoma electellum
Iridomyrmex dispertitus
Iridomyrmex iniquus nigella
Laspeyresia leguminis
Lepidosaphes philococcus
Leucinodes elegantalis
Leucopeocila albofasciata
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Lineodes integra
Liriomyza pusilla
Listronotus oregonensis
Listronotus scapularis
Listrus senilis
Lithophorus ornatus
Lorita abornana chatka
Lygaeus circumplicatus
Lygaeus kalmii
Lygaeus pulchellus
Lygaeus uhleri
Lygaeus vittiscutis
Lygus oblineatus
Lygus sallei
Macrosteles divisus
Megacerus leucosomus
Micracisella opacithorax
Micrapate dinoderoides
Micrapate labialis
Moneilema opuntiae
Moodna bisinuella
Mordellistena conformis
Myodocha longicollis
Nabis alternatus
Neodryocoetes exquisitus
Neokolla gothica
Notogramma stigma
Nysius minutus
Nysius monticola
Odontoloxozus longicornis

Country of origin and insects—Continued

MEXICO—Continued.
Oligolochus discretus
Oplomus pulcher
Opsius stactogalus
Orthognathus subparallelus
Pachybrachius bilobatus
Pachybrachius rinctus
Pantomorus godmani
Paromius longulus
Pectinophora gossypiella
Phenacoccus gossypii
Phyllophaga vetula
Phyllotreta pusilla
Phymata fasciata
Pityophthorus cribratus
Placosternus difficilis
Plagiometriona diversicollis
Platynota rostrana
Platynota stultana
Pnyxia scabiei
Podisus acutissimus
Poronotus constrictus
Prodenia dolichos
Prostephanus truncatus
Protopulvinaria pyriformis
Psammobius batesi
Pseudaonidia trilobitiformis
Pseudischnaspis alienus
Pseudococcus boninsis
Pseudoparlatoria perparvula
Renocis mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalosiphoninus latysiphon
Scaphytopius irroratus
Scyphophorus acupunctatus
Sisamnes contractus
Sizeonotus areolatus
Sizeonotus luteiceps
Stenoma catenifer
Stephanopachys rugosus
Talponia batesi
Talurus salvini
Targionia bromeliae
Teleonemia nigrina
Tetraleurodes mori
Tetraleurodes ursorum
Tetrapriocera longicornis
Thyanta maculata
Toxotrypana curvicauda
Trialeurodes vaporariorum
Trialeurodes variabilis
Trialeurodes vitrinellus
Trichocoriza louisianae
Trichoplusia ni
Tychius sulcatulus
Valtissius diversus
Zabrotes subfasciatus
MIDWAY:
Scatella seznotata
NEW CALEDONIA:
Maruca testulalis
NEW GUINEA:
Aspidiotus palmae
NEW HEBRIDES:
Aonidiella inornata
NEW ZEALAND:
Coccotrypes dactyliperda
Taeniothrips simplex
NICARAGUA:
Aspidiotus spinosus
Nasutitermes costaricensis
Xyleborus confusus
PALESTINE:
Ceratitis capitata
PALMYRA ISLAND:
Adoretus sinicus
Scatella seznotata
PANAMA:
Chrysomphalus umboniferus
Coccotrypes brassiaevorus
Furcaspis biformis
Tariçionia hartii
PERU:
Caryedes jaspedius
Dinoderus bifoveolatus
PORTUGAL:
Apion pomonae
Bruchus guttalis
Ceratitis capitata
Coccotrypes dactyliperda
Dacus oleae
Forficula auricularia
Laspeyresia splendana
Phloeotribus scarabaeoides
PUERTO RICO:
Callosobruchus chinensis
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Maruca testulalis
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Pulvinaria psidii
ST. VINCENT:
Pectinophora gossypiella
SCOTLAND:
Agriotes obscurus
Athous subfuscus
Barynotus squamosus schonherri
Brachyrhinus desertus var.
Brachyrhinus singularis
Simplocaria semistriata
Taeniothrips ericae
SICILY (?):
Pectinophora gossypiella
SIERRA LEONE:
Corcyra cephalonica
SOUTH AMERICA (?):
Vinsonia stellifera
SOUTH PACIFIC:
Aedes vigilax
Aonidiella eremocitri
Fulvius peregrinator
Iridomyrmex humilis
Maruca testulalis
Milichiella lacteipennis
Nysius nigriscutellatus
Oxydema fusiforme
Pachybrachius nigriceps
Scatella seznotata
Stoeberhinus testaceus
SPAIN:
Ceratitis capitata (?)
Chilo simplex (?)
Coninomus constrictus
TAHITI:
Cylas formicarius elegantulus
TANGANYIKA:
Callosobruchus chinensis
TRINIDAD:
Anastrepha serpentina
Aspidiotus herculeanus
Aulacaspis mangiferae
Conchaspis angraeci
Dercynus micronyx
Euscepes postfasciatus
Furcaspis biformis
Oligembia nigrina
Protopulvinaria pyriformis
UNION OF SOUTH AFRICA:
Caryopemon cruciger
Chirothrips manicatus
UNKNOWN:
Coccus viridis
Corcyra cephalonica
Dacus oleae (?)
Furcaspis biformis
Heterobostrychus aequalis
Leucaspis cockerelli
Pectinophora gossypiella
VENEZUELA:
Acanthoscelides dominicanus
Coccus viridis
Eurytoma orchidearum
Euscepes postfasciatus
Frankliniella difficilis
Furcaspis biformis
Iridomyrmex iniquus nigella
Palaeopus costicollis
Pseudischnaspis bowreyi
Pulvinaria psidii
Tenthecoris bicolor

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
Albugo bliti (Biv.) Kuntze:					
Amaranthus sp.	Mexico	1			Ariz.
Albugo candida (Pers.) Kuntze:					
Raphanus sativus (radish)	do	1			Tex.
Albugo ipomoeae-panduranae (Schw.) Swing:					
Ipomoea sp. (morning-glory)	do	1			Tex.
Albugo portulacae (DC.) Kuntze:					
Portulaca oleracea (purslane)	do	1			Ariz.
Alternaria citri Ell. & Pierce:					
Citrus aurantifolia (sour lime)	do	1			Tex.
Alternaria fasciculata (Cke. & Ell.) L. R. Jones & Grout:					
Lycopersicon esculentum (tomato)	Australia		1		Calif.*
Alternaria oryzae Hara:					
Oryza sativa (rice)	Argentina	1			P. R.
Alternaria porri (Ell.) Cif.:					
Allium cepa (onion)	Mexico	9			Ariz., Tex.
Aphelenchoides parietinus (Bastian) Steiner:					
Amaryllis sp.	New Zealand			1	N. J.
Aplanobacter michiganense E. F. Sm.:					
Lycopersicon esculentum (tomato)	Mexico	4			Tex.
Ascochyta lycopersici Brun. (?):					
Capsicum frutescens (pepper)	do	1			Tex.
Bacterium citri (Hasse) Doidge (?):					
Citrus limon (lemon)	Union of South Africa		1		Mass.
Bacterium holcicola Elliott:					
Sorghum vulgare (sorghum)	Mexico		1		Tex.
Bacterium malvacearum E. F. Sm.:					
Gossypium sp. (cotton)	do	1			Tex.
Bacterium pisi (Sackett) E. F. Sm.:					
Pisum sativum (pea)	do	1			Tex.
Bacterium rhizogenes Riker et al.:					
Malus pumila (apple)	Canada			1	Wash.
Bacterium savastanoi E. F. Sm.:					
Olea europaea (olive)	Soldier's mail	1			N. Y.
Botrytis allii Munn:					
Allium cepa (onion)	Italy, Mexico, New Hebrides, Panama.	3	3		Calif.,* Md., Tex.
Botrytis narcissicola Kleb.:					
Narcissus sp.	England, North Ireland, soldier's mail.			5	N. J., N. Y.
Bremia lactucae Regel:					
Lactuca sativa (lettuce)	Mexico	9			Tex.
Catacauma huberi (P. Henn.) Th. & Syd.:					
Hevea brasiliensis (para rubbertree)	Brazil			2	D. C.
Hevea guianensis	do			1	D. C.
Ceratostomella ulmi Buis.:					
Ulmus sp. (elm)	England	2			N. Y.
Cercospora musae Zimm.:					
Musa paradisiaca sapientum (banana)	Cuba, Guadeloupe, Mexico.	13	1		Md., Tex.
Cercospora sorghi Ell. & Ev.:					
Sorghum vulgare (sorghum)	Mexico		1		Tex.
Cercospora sorghi Ell. & Ev. (?):					
Sorghum halepense (Johnson grass)	do		1		Tex.
Cercospora vaginae Krueger:					
Saccharum officinarum (sugarcane)	do	1			Tex.
Cerebella andropogonis Ces.:					
Paspalum sp.	Australia, Queensland			2	Mass., N. Y.
Cladosporium carpophilum Thuem.:					
Prunus persica (peach)	Mexico	1			Tex.
Cladosporium cucumerinum Ell. & Arth.:					
Cucurbita maxima (squash)	do	1			Tex.
Claviceps purpurea (Fr.) Tul.:					
Bromus sp.	Canada			1	N. J.
Secale cereale (rye)	Portugal	1			Pa.
Colletotrichum graminicolum (Ces.) G. W. Wils.:					
Grass	Mexico	1			Wash.

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive—Continued

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
Colletotrichum lagenarium (Pass.) Ell. & Halst.:					
Cucumis melo cantalupensis (cantaloup)	do	1			Tex.
Cucurbita maxima (squash)	New Caledonia		2		Calif.*
Colletotrichum lineola Cda.:					
Sorghum halepense (Johnson grass)	Mexico		2		Tex.
Sorghum vulgare (sorghum)	do		1		Tex.
Sorghum vulgare technicum (broomcorn)	do	8			Tex.
Colletotrichum pisi Pat.:					
Pisum sativum (English pea)	do	1			Tex.
Coniothyrium concentricum (Desm.) Sacc.:					
Agave sp.	Military mail			1	Calif.*
Coniothyrium hellebori Cke. & Mass.:					
Helleborus sp.	British Columbia			1	Wash.
Coniothyrium hysterioideum Karst.:					
Dasylirion sp.	Mexico	1			Tex.
Cordana musae (Zimm.) Hoehn.:					
Musa paradisiaca sapientum (banana)	Puerto Rico	1			Fla.*
Coryneum microstictum Berk. & Br.:					
Rosa blanda (meadow rose)	Canada			1	N. J.
Cronartium ribicola Fischer:					
Ribes sp. (currant)	do	1			N. Y.
Cylindrosporium chrysanthemi Ell. & Dearn.:					
Chrysanthemum sp.	Mexico	6			Tex.
Cytospora palmicola Berk. & Curt.:					
Cocos nucifera (coconut)	British West Indies	1			N. Y.
Cytospora tithymalina Pass. & Beltr.:					
Euphorbia antisyphilitica (wax euphorbia)	Mexico			1	N. J.
Dematium pullulans D By.:					
Cattleya sp. (orchid)	England			1	N. J.
Manihot esculenta (cassava)	Panama			1	N. J.
Diaporthe controversa (Desm.) Nits.:					
Fraxinus excelsior (European ash)	Scotland			1	N. J.
Diaporthe phaseolorum Sacc.:					
Phaseolus sp. (string bean)	Mexico	1			Ariz.
Diaporthe velata (Pers.) Nits. (?):					
Mahonia japonica (Japanese mahonia)	England			1	N. J.
Dimerium agaves (Ell. & Ev.) Rehm.:					
Agave atrovirens (pulque agave)	Mexico	1			Tex.
Diplodia cococarpa Sacc. *malaccensis* Tassi:					
Cocos nucifera (coconut)	South Pacific (Solomon Island area).	1			Oreg.
Diplodia paraphysaria Sacc.:					
Cattleya mendeli gigantea (orchid)	Colombia			2	P. R.
Cattleya sp.	Colombia, Venezuela			1	P. R.
Stanhopea sp. (orchid)	Costa Rica			1	Calif.*
Diplodia theobromea (Pat.) Nowell:					
Palm	South Pacific (Solomon Island area).	1			Oreg.
Discosia artocreas Fr.:					
Leaf	Mexico		1		Tex.
Ditylenchus dipsaci (Kuhn) Filip.:					
Hyacinthus sp.	England			1	N. Y.
Narcissus sp.	England, soldier's mail			4	N. J.
Dothidella ulei P. Henn.:					
Hevea lutea	Brazil			1	D. C.
Elsinoe australis Bitanc. & Jenkins:					
Citrus sinensis (orange)	Brazil, Uruguay		3		Md., N. Y.
Endocalyx melanoxanthus (Berk. & Br.) Petch:					
Cocos nucifera (coconut)	South Pacific (Solomon Island area), Service mail.	2			Mich., Oreg.
Englerulaster baileyi (Berk. & Br.) Th.:					
Hakea microcarpa	Australia	1			Mass.
Erysiphe polygoni DC.:					
Pisum sativum (pea)	Mexico	4			Tex.
Eurotium herbariorum (Wigg.) Lk.:					
Oryza sativa (rice)	India, Portugal	1	1		Md., Pa.
Secale cereale (rye)	Portugal	1			Pa.
Fomes pini (Brot. ex Fr.) Lloyd (?):					
Pinus sp. (pine)	Hawaii	1			Calif.*

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive—Continued

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
Fusarium heterosporum Nees:					
Clariceps paspali on *Paspalum* sp.	Australia			1	Mass.
Fusarium maili Taub.:					
Allium cepa (onion)	Mexico	2			Tex.
Fusarium trichothecioides Wr.:					
Solanum tuberosum (potato)	do	2			Ariz.
Gloeosporium cattleyae Sacc. & D. Sacc.:					
Cattleya mendeli gigantea (orchid)	Colombia			1	P. R.
Cattleya sp	Venezuela			1	P. R.
Gloeosporium fructigenum Berk.:					
Malus pumila (apple)	Tasmania		2		Pa.
Gloeosporium leguminum (Cke.) Sacc.:					
Prosopis sp. (mesquite)	Mexico		2		Tex.
Gloeosporium mangiferae P. Henn.:					
Mangifera indica (mango)	Haiti, Puerto Rico		2		P. R., Tex.
Gloeosporium soraueriana Allesch.:					
Codiaeum variegatum (croton)	Bermuda	1			N.Y.
Graphiola phoenicis (Moug.) Poit.:					
Palm	Mexico	5			Tex.
Helminthosporium cynodontis Marig.:					
Cynodon dactylon (Bermuda grass)	do		1		Tex.
Helminthosporium gramineum (Rab.) Eriks.:					
Hordeum vulgare (barley)	do	1			Tex.
Helminthosporium oryzae Breda de Haan.:					
Oryza sativa (rice)	Argentina	2			P. R
Helminthosporium turcicum Pass.:					
Sorghum halepense (Johnson grass)	Mexico		3		Tex.
Sorghum vulgare (sorghum)	do		2		Tex.
Zea mays (corn)	do		1		Tex.
Hendersonia sarmentorum West.:					
Mahonia japonica (Japanese mahonia)	England			1	N. J.
Heterosporium allii Ell. & G. Martin:					
Allium cepa (onion)	Mexico	1			Tex.
Hormodendron cladosporioides (Fres.) Sacc.:					
Lycopersicon esculentum (tomato)	Curacao		1		Pa.
Kuehneola uredinis (Link) Arth.:					
Rubus fruticosus (European blackberry)	Australia	1			Mass.
Leptosphaeria heterospora (De N.) Niessl:					
Iris susiana (morning iris)	Soldier's mail			1	N. J.
Iris sp.	Australia			1	N. J.
Leptostroma donacis Schw.:					
Arundo donax (giant reed)	North Africa		1		Md
Leptothyrium pomi (Mont. & Fr.) Sacc.:					
Citrus sinensis (orange)	Mexico		1		Calif.
Lethum australiense typicum Holmes:					
Lycopersicon esculentum (tomato)	do	69			Ariz.
Macrophoma opuntiicola (Speg.) Sacc. & Syd.:					
Opuntia sp. (cactus)	Venezuela	1			Pa.
Marmor cucumeris vulgare Holmes:					
Cucurbita maxima (squash)	do	1			Tex.
Marmor tabaci vulgare Holmes:					
Capsicum frutescens (pepper)	do	89			Ariz.
Marsonina potentillae (Desm.) Fischer:					
Fragaria sp	Canada			1	N. J.
Melampsora lini (Pers.) Lév.:					
Linum sp. (flax)	England	1			Oreg.
Melanconium sacchari Mess.:					
Saccharum officinarum (sugarcane)	Cuba, Dominican Republic, Mexico.	2	7		Md., Pa., Tex.
Melanconium sphaerospermum (Fr.) Lk.:					
Bamboo	Mexico	1			Ariz.
Mendoza bambusina Rac.:					
Bamboo	do	1			Tex.
Monilochaetes infuscans Ell. & Halst.:					
Ipomoea batatas (sweetpotato)	do	1			Ariz.
Monilinia fructicola (Wint.) (Honey):					
Prunus persica (peach)	do	1			Tex.
Mycosphaerella citrullina (C. O. Sm.) Gross:					
Cucurbita pepo (pumpkin)	Australia		1		Pa.
Mycosphaerella gardeniae (Cke.) Matsumura:					
Gardenia augusta (Cape-jasmine)	Mexico	1			Tex.

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive—Continued

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
Mycosphaerella iridis (Awd.) Schroet.:					
Iris douglasiana (?)	Soldier's mail			1	N. J.
Mycosphaerella schoenoprasi (Rab.) Schroet.:					
Allium sativum (garlic)	Azores		1		Pa.
Mycosphaerella tulasnei Jacz.:					
Secale cereale (rye)	Portugal	2			Pa.
Nigrospora oryzae (Berk. & Br.) Petch:					
Oryza sativa (rice)	India	1			N. Y.
Nigrospora sphaerica (Sacc.) Mason:					
Zea mays (corn)	Portugal			1	Pa.
Papularia vinosa (Berk. & Curt.) Mason:					
Saccharum officinarum (sugarcane)	Mexico	1			Tex.
Penicillium gladioli McCull. & Thom:					
Dioscorea sp. (yam)	Cuba		1		N. Y.
Peronospora effusa (Grev.) Rab.:					
Spinacia oleracea (spinach)	Mexico	30			Ariz.
Peronospora parasitica (Fr.) D By.:					
Brassica oleracea capitata (cabbage)	do		1		Tex.
Pestalotia macrotricha Kleb.:					
Rhododendron sp.	England			1	N. J.
Phoma citricarpa McAlp.:					
Citrus limon (lemon)	Australia		3		Calif.*
Citrus sinensis (orange)	do		3		Calif.*
Phoma lingam (Tode) Desm.:					
Brassica oleracea capitata (cabbage)	Mexico	1			Tex.
Phoma pomi Pass.:					
Malus pumila (apple)	do	1			Tex.
Phoma terrestris Hansen:					
Allium cepa (onion)	do	14			Ariz.
Phyllachora cynodontis (Sacc.) Niessl:					
Cynodon dactylon (Bermuda grass)	Iran	1			Md.
Phyllachora graminis (Pers.) Fckl.:					
Gramineae	Costa Rica	1			Calif.*
Phyllachora nervisequia (Schw.) Orton:					
Elionurus argenteus	Union of South Africa	1			N. Y.
Phyllosticta amicta Ell. & Ev.:					
Arctostaphylos uva-ursi (bearberry)	Portugal	1			N. Y.
Phyllosticta clerodendri Syd. & Butl. (?):					
Clerodendron sp.	Canal Zone			1	N. J.
Phyllosticta mortoni Fairm.:					
Mangifera indica (mango)	Mexico	1			Tex.
Phyllosticta palmarum Rab.:					
Phoenix dactylifera (date palm)	Iran			1	N. Y.
Phyllosticta sorghina Sacc.:					
Sorghum halepense (Johnson grass)	Mexico		3		Tex.
Physalospora cattleyae Maub. & Lasnier:					
Cattleya skinneri (orchid)	Guatemala			1	Tex.
Physalospora orchidearum P. Henn.:					
Cattleya sp. (?) (orchid)	Soldier's mail			1	N. J.
Phytophthora parasitica Dast.:					
Cucurbita maxima (squash)	Mexico	1			Ariz.
Solanum melongena (eggplant)	do	3			Ariz.
Plasmodiophora brassicae Wor.:					
Brassica rapa (turnip)	Scotland		1		Pa.
Pleospora herbarum (Pers.) Rab.:					
Allium sativum (garlic)	Madeira Islands	1			Pa.
Pseudoperonospora cubensis (Berk. & Curt.) Rostow.:					
Cucurbita maxima (squash)	Mexico	2			Tex.
Pseudopeziza medicaginis (Lib.) Sacc.:					
Medicago sativa (alfalfa)	do	3			Tex.
Puccinia anomala Rostr.:					
Hordeum vulgare (barley)	Sicily	1			Pa.
Puccinia antirrhini Dict. & Holw.:					
Antirrhinum majus (snapdragon)	Bermuda		1		Md.
Puccinia asparagi DC.:					
Asparagus sp.	Mexico	1			Tex.
Puccinia chrysanthemi Roze:					
Chrysanthemum sp.	do	12			Ariz., Tex.

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive—Continued

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
Puccinia coronata Cda.:					
Avena sativa (oat)	England, Italy, Morocco, Portugal, Sicily, Soldier's mail.	8	----	1	N. J., Pa.
Puccinia cynodontis Lacroix:					
Cynodon dactylon (Bermuda grass)	Mexico	----	1	----	Tex.
Puccinia glumarum (Schmidt) Eriks. & E. Henn.:					
Secale cereale (rye)	Argentina, England, Madeira Islands, Portugal.	9	----	----	Pa.
Triticum aestivum (wheat)	Argentina, England, Sicily.	3	----	----	Pa., P. R.
Puccinia heterospora Berk. & Curt.:					
Malva sp. (mallow)	Mexico	1	----	----	Tex.
Puccinia malvacearum Bert.:					
Malva parviflora (little mallow)	Australia	1	----	----	Mass.
Puccinia melampodii Diet. & Holw. (?):					
Leaf	Guatemala	1	----	----	P. R.
Puccinia rubigo-vera (DC.) Wint.:					
Secale cereale (rye)	Portugal	3	----	----	Pa.
Puccinia rubigo-vera tritici (Eriks. & P. Henn.) Carleton:					
Triticum aestivum (wheat)	Australia	1	----	----	Wash.
Puccinia sorghi Schw.:					
Zea mays (corn)	Bolivia, Mexico	1	3	2	N. J., Tex.
Puccinia tageticola Diet. & Holw.:					
Tagetes florida (marigold)	Mexico	3	----	----	Tex.
Pythium debaryanum Hesse:					
Capsicum frutescens (pepper)	do	3	----	----	Ariz.
Cucurbita maxima (squash)	do	1	----	----	Ariz.
Lycopersicon esculentum (tomato)	do	1	----	----	Ariz.
Ravenelia arizonica Ell. & Ev.:					
Prosopis sp. (mesquite)	do	--	5	----	Tex.
Rhizoctonia bataticola (Taub.) Butl.:					
Allium sativum (garlic)	Portugal	----	1	----	Pa.
Ipomoea batatas (sweetpotato)	Guatemala	----	----	1	N. J.
Schizophyllum commune Fr.:					
Khaya sp	British West Africa, Gold Coast.	2	----	----	Md., Pa.
Scirrhia bambusae Turc.:					
Bamboo	South Pacific	1	----	----	Md.
Scleropycnium aureum Heald & I. M. Lewis:					
Prosopis sp. (mesquite)	Mexico	----	1	----	Tex.
Sclerotium rolfsii Sacc.:					
Cactus	do	1	----	----	Tex.
Musa paradisiaca sapientum (banana)	do	1	----	----	Ariz.
Solanum tuberosum (potato)	do	2	3	----	Tex.
Septoria apii Chester:					
Apium graveolens (celery)	do	2	----	----	Tex.
Septoria apii-graveolentis Dorogin:					
Apium graveolens (celery)	Australia, Brazil, England.	----	5	----	Calif.,* N. Y., Pa.
Septoria dianthi Desm.:					
Dianthus sp. (carnation)	Guatemala	1	----	----	Tex.
Septoria secalis Prill. & Del.:					
Secale cereale (rye)	Madeira Islands, Portugal, Spain.	33	----	----	Pa.
Septoria tritici Desm.:					
Secale cereale (rye)	Portugal	7	----	----	Pa.
Straw	England (?) (soldier's mail).	1	----	----	Pa.
Triticum aestivum (wheat)	do	1	----	----	Pa.
Speira cymbidii Verpl.:					
Oncidium sphacelatum (orchid)	Mexico	----	----	1	Calif.*
Sphaceloma perseae Jenkins:					
Persea americana (avocado)	Cuba	----	1	----	P. R.
Sphacelotheca cruenta (Kuehn) A. A. Potter:					
Sorghum vulgare technicum (broomcorn)	Mexico	----	1	----	Tex.

List of pests (diseases) collected and reported from July 1, 1943, to June 30, 1944, inclusive—Continued

Disease and host	Country of origin	Number of interceptions			Collected in—
		Consumption	Nonentry	Propagation	
Sphacelotheca sorghi (Lk.) Clint.:					
Sorghum halepense (Johnson grass)	do		3		Tex.
Sorghum vulgare technicum (broomcorn)	Mexico, Unknown	6			P. R., Tex.
Sphaerotheca pannosa (Wallr.) Lév.:					
Rosa sp	Guatemala, Mexico, Venezuela.	18	1		Fla.,* Tex.
Spongospora subterranea (Wallr.) T. Johnson:					
Solanum tuberosum (potato)	Guatemala			1	N. J.
Stachylidium theobromae Turc.:					
Musa paradisiaca sapientum (banana)	Guadeloupe	1			Md.
Stemphylium botryosum Wallr.:					
Allium sativum (garlic)	Portugal		1		Pa.
Tilletia caries (DC.) Tul.:					
Triticum aestivum (wheat)	Mexico	205			Ariz.
Tilletia foetida (Wallr.) Liro:					
Triticum aestivum (wheat)	Argentina	1			P. R.
Trochila ilicis (Chev.) Cronan:					
Ilex sp. (holly)	England, soldier's mail	2			N. Y.
Uredo epidendri P. Henn.:					
Epidendrum atropurpureum (orchid)	Venezuela			1	P. R.
Uromyces caryophyllinus (Schroet.) Wint.:					
Dianthus sp. (carnation)	Mexico	2			Tex.
Uromyces fabae (Pers.) D By.:					
Vicia hirsuta (tiny vetch)	Portugal	1			Pa.
Uromyces striatus Schroet.:					
Medicago sativa (alfalfa)	Mexico	2			Tex.
Uromyces striatus medicaginis (Pass.) Arth.:					
Medicago sativa (alfalfa)	do	3			Tex.
Ustilago hordei (Pers.) Lagh.:					
Hordeum vulgare (barley)	England, Iran, soldier's mail.	3		1	Md., N. Y., Pa.
Ustilago maydis (DC.) Cda.:					
Zea mays (corn)	Mexico	6			Tex.
Ustilago tritici (Pers.) Rostr.:					
Triticum aestivum (wheat)	Argentina, England, Mexico, soldier's mail.	4			Pa., P. R., Tex.
Ustilago zeae = *U. maydis*:					
Verticillium albo-atrum Reinke & Berth.:					
Pachyrhizus sp. (yam bean)	Mexico	1			Ariz.
Verticillium albo-atrum Reinke & Berth. (?):					
Solanum tuberosum (potato)	Egypt		1		Va.
Volutella allii Patterson:					
Allium cepa (onion)	Dominican Republic	1			P. R.

Hosts and diseases

AGAVE:
Coniothyrium concentricum (Deuteromycetes)
Dimerium agaves (Ascomycetes)
ALLIUM CEPA:
Botrytis allii (Deuteromycetes)
Fusarium malli (Deuteromycetes)
Heterosporium allii (Deuteromycetes)
Macrosporium porri (Deuteromycetes)
Phoma terrestris (Deuteromycetes)
Volutella allii (Deuteromycetes)
ALLIUM SATIVUM:
Mycosphaerella schoenoprasi (Ascomycetes)
Plcospora herbarum (Ascomycetes)
Rhizoctonia bataticola (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
AMARANTHUS:
Albugo bliti (Phycomycetes)
AMARYLLIS:
Aphelenchoides parietinus (Nematoda)
ANTIRRHINUM:
Puccinia antirrhini (Promycetes)
APIUM:
Septoria apii (Deuteromycetes)
Septoria apii-graveolentis (Deuteromycetes)
ARCTOSTAPHYLOS:
Phyllosticta amicta (Deuteromycetes)
ARUNDO:
Leptostroma donacis (Deuteromycetes)
ASPARAGUS:
Puccinia asparagi (Promycetes)
AVENA:
Puccinia coronata (Promycetes)
BAMBOO:
Melanconium sphaerospermum (Deuteromycetes)
Mendogia bambusina (Ascomycetes)
Scirrhia bambusae (Ascomycetes)
BRASSICA OLERACEA CAPITATA:
Peronospora parasitica (Phycomycetes)
Phoma lingam (Deuteromycetes)
BRASSICA RAPA:
Plasmodiophora brassicae (Phycomycetes)
BROMUS:
Claviceps purpurea (Ascomycetes)
CACTACEAE:
Macrophoma opuntiicola (Deuteromycetes)
Sclerotium rolfsii (Deuteromycetes)
CAPSICUM:
Ascochyta lycopersici (Deuteromycetes)
Marmor tabaci vulgare (Virus)
Pythium debaryanum (Phycomycetes)
CATTLEYA. See Orchidaceae

Hosts and diseases—Continued

CHRYSANTHEMUM:
Cylindrosporium chrysanthemi (Deuteromycetes)
Puccinia chrysanthemi (Promycetes)
CITRUS AURANTIFOLIA:
Alternaria citri (Deuteromycetes)
CITRUS LIMON:
Bacterium citri (?) (Schizomycetes)
Phoma citricarpa (Deuteromycetes)
CITRUS SINENSIS:
Elsinoe australis (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
CLERODENDRON:
Phyllosticta clerodendri (Deuteromycetes)
COCOS:
Cytospora palmicola (Deuteromycetes)
Diplodia cococarpa malaccensis (Deuteromycetes)
Endocalyx melanoxanthus (Deuteromycetes)
CODIAEUM
Gloeosporium soraueriauum (Deuteromycetes)
CUCUMIS:
Colletotrichum lagenarium (Deuteromycetes)
CUCURBITA:
Cladosporium cucumerinum (Deuteromycetes)
Colletotrichum lagenarium (Deuteromycetes)
Marmor cucumeris vulgare (Virus)
Mycosphaerella citrullina (Ascomycetes)
Phytophthora parasitica (Phycomycetes)
Pseudoperonospora cubensis (Phycomycetes)
Pythium debaryanum (Phycomycetes)
CYNODON:
Helminthosporium cynodontis (Deuteromycetes)
Phyllachora cynodontis (Ascomycetes)
Puccinia cynodontis (Promycetes)
DASYLIRION:
Coniothyrium hysterioideum (Deuteromycetes)
DIANTHUS:
Septoria dianthi (Deuteromycetes)
Uromyces caryophyllinus (Promycetes)
DIOSCOREA:
Penicillium gladioli (Deuteromycetes)
ELIONURUS:
Phyllachora nervisequia (Ascomycetes)
EPIDENDRUM. See Orchidaceae
EUPHORBIA:
Cytospora tithymalina (Deuteromycetes)
FRAGARIA:
Marssonina potentillae (Deuteromycetes)
FRAXINUS:
Diaporthe controversa (Ascomycetes)
GARDENIA:
Mycosphaerella gardeniae (Ascomycetes)
GOSSYPIUM:
Bacterium malvacearum (Schizomycetes)
GRAMINEAE:
Phyllachora graminis (Ascomycetes)
HAKEA:
Englerulaster baileyi (Ascomycetes)
HELLEBORUS:
Coniothyrium hellebori (Deuteromycetes)
HEVEA:
Catacauma huberi (Ascomycetes)
Dothidella ulei (Ascomycetes)
HORDEUM:
Helminthosporium gramineum (Deuteromycetes)
Puccinia anomala (Promycetes)
Ustilago hordei (Promycetes)
HYACINTHUS:
Ditylenchus dipsaci (Nematoda)
ILEX:
Trochila ilicis (Ascomycetes)
IPOMOEA:
Albugo ipomoeae-panduranae (Phycomycetes)
Monilochaetes infuscans (Deuteromycetes)
Rhizoctonia bataticola (Deuteromycetes)
IRIS:
Leptosphaeria heterospora (Ascomycetes)
Mycosphaerella iridis (Ascomycetes)
KHAYA:
Schizophyllum commune (Basidiomycetes)
LACTUCA:
Bremia lactucae (Phycomycetes)
LINUM:
Melampsora lini (Promycetes)
LYCOPERSICON:
Alternaria fasciculata (Deuteromycetes)
Aplanobacter michiganense (Schizomycetes)
Hormodendron cladosporioides (Deuteromycetes)
LYCOPERSICON—Continued.
Lethum australiense typicum (Virus)
Pythium debaryanum (Phycomycetes)
MAHONIA:
Diaporthe velata (?) (Ascomycetes)
Hendersonia sarmentorum (Deuteromycetes)
MALUS:
Bacterium rhizogenes (Schizomycetes)
Gloeosporium fructigenum (Deuteromycetes)
Phoma pomi (Deuteromycetes)
MALVA:
Puccinia heterospora (Promycetes)
Puccinia malvacearum (Promycetes)
MANGIFERA:
Gloeosporium mangiferae (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
MANIHOT:
Dematium pullulans (Deuteromycetes)
MEDICAGO:
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus (Promycetes)
Uromyces striatus medicaginis (Promycetes)
MUSA:
Cercospora musae (Deuteromycetes)
Cordana musae (Deuteromycetes)
Sclerotium rolfsii (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
NARCISSUS:
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
OLEA:
Bacterium savastanoi (Schizomycetes)
ONCIDIUM. See Orchidaceae
OPUNTIA. See Cactaceae
ORCHIDACEAE:
Dematium pullulans (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium cattleyae (Deuteromycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Speira cymbidii (Deuteromycetes)
Uredo epidendri (Promycetes)
ORYZA:
Alternaria oryzae (Deuteromycetes)
Eurotium herbariorum (Ascomycetes)
Helminthosporium oryzae (Deuteromycetes)
Nigrospora oryzae (Deuteromycetes)
PACHYRHIZUS:
Verticillium albo-atrum (Deuteromycetes)
PALM:
Diplodia theobromae (Deuteromycetes)
Graphiola phoenicis (Promycetes)
PASPALUM:
Cerebella andropogonis (Deuteromycetes)
Fusarium heterosporum (Deuteromycetes)
PERSEA:
Sphaceloma perseae (Deuteromycetes)
PHASEOLUS:
Diaporthe phaseolorum (Ascomycetes)
PHOENIX:
Phyllosticta palmarum (Deuteromycetes)
PINUS:
Fomes pini (?) (Basidiomycetes)
PISUM:
Bacterium pisi (Schizomycetes)
Colletotrichum pisi (Deuteromycetes)
Erysiphe polygoni (Ascomycetes)
PORTULACA:
Albugo portulacae (Phycomycetes)
PROSOPIS:
Gloeosporium leguminum (Deuteromycetes)
Ravenelia arizonica (Promycetes)
Sclerotium aureum (Deuteromycetes)
PRUNUS:
Cladosporium carpophilum (Deuteromycetes)
Monilinia fructicola (Ascomycetes)
RAPHANUS:
Albugo candida (Phycomycetes)
RHODODENDRON:
Pestalotia macrotricha (Deuteromycetes)
RIBES:
Cronartium ribicola (Promycetes)
ROSA:
Coryneum microstictum (Deuteromycetes)
Sphaerotheca pannosa (Ascomycetes)
RUBUS:
Kuehneola uredinis (Promycetes)

Hosts and diseases—Continued

SACCHARUM:
Cercospora vaginae (Deuteromycetes)
Melanconium sacchari (Deuteromycetes)
Papularia vinosa (Deuteromycetes)
SECALE:
Claviceps purpurea (Ascomycetes)
Eurotium herbariorum (Ascomycetes)
Mycosphaerella tulasnei (Ascomycetes)
Puccinia glumarum (Promycetes)
Puccinia rubigo-vera (Promycetes)
Septoria secalis (Deuteromycetes)
Septoria tritici (Deuteromycetes)
SOLANUM MELONGENA:
Phytophthora parasitica (Phycomycetes)
SOLANUM TUBEROSUM:
Fusarium trichothecioides (Deuteromycetes)
Sclerotium rolfsii (Deuteromycetes)
Spongospora subterranea (Phycomycetes)
Verticillium albo-atrum (?) (Deuteromycetes)
SORGHUM HALEPENSE:
Cercospora sorghi (?) (Deuteromycetes)
Colletotrichum lineola (Deuteromycetes)
Helminthosporium turcicum (Deuteromycetes)
Phyllosticta sorghina (Deuteromycetes)
Sphacelotheca sorghi (Promycetes)
SORGHUM VULGARE:
Bacterium holcicola (Schizomycetes)
Cercospora sorghi (Deuteromycetes)
SORGHUM VULGARE—Continued.
Colletotrichum lineola (Deuteromycetes)
Helminthosporium turcicum (Deuteromycetes)
SORGHUM VULGARE TECHNICUM:
Colletotrichum lineola (Deuteromycetes)
Sphacelotheca cruenta (Promycetes)
Sphacelotheca sorghi (Promycetes)
SPINACIA:
Peronospora effusa (Phycomycetes)
STANHOPEA. See Orchidaceae
TAGETES:
Puccinia tageticola (Promycetes)
TRITICUM:
Puccinia glumarum (Promycetes)
Puccinia rubigo-vera tritici (Promycetes)
Septoria tritici (Deuteromycetes)
Tilletia caries (Promycetes)
Tilletia foetida (Promycetes)
Ustilago tritici (Promycetes)
ULMUS:
Ceratostomella ulmi (Ascomycetes)
VICIA:
Uromyces fabae (Promycetes)
ZEA:
Helminthosporium turcicum (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Puccinia sorghi (Promycetes)
Ustilago maydis (Promycetes)

Hosts unknown

GRASS:
Colletotrichum graminicolum (Deuteromycetes)
HAY:
Puccinia coronata (Promycetes)
LEAF:
Discosia artocreas (Deuteromycetes)
Puccinia melampodii (Promycetes)
STRAW:
Septoria tritici (Deuteromycetes)

Country of origin and diseases

ARGENTINA:
Alternaria oryzae
Helminthosporium oryzae
Puccinia glumarum
Tilletia foetida
Ustilago tritici
AUSTRALIA:
Alternaria fasciculata
Cerebella andropogonis
Englerulaster baileyi
Fusarium heterosporum
Kuehneola uredinis
Leptosphaeria heterospora
Mycosphaerella citrullina
Phoma citricarpa
Puccinia malvacearum
Puccinia rubigo-vera tritici
Septoria apii-graveolentis
AZORES:
Mycosphaerella schoenoprasi
BERMUDA:
Gloeosporium soraueriauum
Puccinia antirrhini
BOLIVIA:
Puccinia sorghi
BRAZIL:
Catacauma huberi
Dothidella ulei
Elsinoe australis
Septoria apii-graveolentis
BRITISH COLUMBIA:
Coniothyrium hellebori
BRITISH WEST AFRICA:
Schizophyllum commune
BRITISH WEST INDIES:
Cytospora palmicola
CANADA:
Bacterium rhizogenes
Claviceps purpurea
Coryneum microstictum
Cronartium ribicola
Marssonina potentillae
CANAL ZONE:
Phyllosticta clerodendri (?)
COLOMBIA:
Diplodia paraphysaria
Gloeosporium cattleyae
COSTA RICA:
Diplodia paraphysaria (?)
Phyllachora graminis
CUBA:
Cercospora musae
Melanconium sacchari
Penicillium gladioli
Sphaceloma perseae
CURACAO:
Hormodendron cladosporioides
DOMINICAN REPUBLIC:
Melanconium sacchari
Volutella alli
EGYPT:
Verticillium albo-atrum (?)
ENGLAND:
Botrytis narcissicola
Ceratostomella ulmi
Dematium pullulans
Diaporthe velata (?)
Ditylenchus dipsaci
Hendersonia sarmentorum
Melampsora lini
Pestalotia macrotricha
Puccinia coronata
Puccinia glumarum
Septoria apii-graveolentis
Septoria tritici
Trochila ilicis
Ustilago hordei
Ustilago tritici (?)
GOLD COAST:
Schizophyllum commune
GUADELOUPE:
Cercospora musae
Stachylidium theobromae
GUATEMALA:
Physalospora cattleyae
Puccinia melampodii
Rhizoctonia bataticola
Septoria dianthi
Sphaerotheca pannosa
Spongospora subterranea
HAITI:
Gloeosporium mangifera
HAWAII:
Fomes pini (?)

Country of origin and diseases—Continued

INDIA:
Eurotium herbariorum
Nigrospora oryzae
IRAN:
Phyllachora cynodontis
Phyllosticta palmarum
Ustilago hordei
ITALY:
Botrytis allii
Puccinia coronata
MADEIRA ISLANDS:
Pleospora herbarum
Puccinia glumarum
Septoria secalis
MEXICO:
Albugo bliti
Albugo candida
Albugo ipomoeae-panduranae
Albugo portulacae
Alternaria citri
Aplanobacter michiganense
Ascochyta lycopersici (?)
Bacterium holcicola
Bacterium malvacearum
Bacterium pisi
Botrytis allii
Bremia lactucae
Cercospora musae
Cercospora sorghi
Cercospora vaginae
Cladosporium carpophilum
Cladosporium cucumerinum
Colletotrichum graminicolum
Colletotrichum lagenarium
Colletotrichum lineola
Colletotrichum pisi
Coniothyrium hysterioideum
Cylindrosporium chrysanthemi
Cytospora tithymalina
Diaporthe phaseolorum
Dimerium agaves
Discosia artocreas
Erysiphe polygoni
Fusarium malli
Fusarium trichothecioides
Gleosporium leguminum
Graphiola phoenicis
Helminthosporium cynodontis
Helminthosporium gramineum
Helminthosporium turcicum
Heterosporium allii
Leptothyrium pomi
Lethum australiense typicum
Macrosporium porri
Marmor cucumeris vulgare
Marmor tabaci vulgare
Melanconium sacchari
Melanconium sphaerospermum
Mendogia bambusina
Monilinia fructicola
Monilochaetes infuscans
Mycosphaerella gardeniae
Papularia vinosa
Peronospora effusa
Peronospora parasitica
Phoma lingam
Phoma pomi
Phoma terrestris
Phyllosticta mortoni
Phyllosticta sorghina
Phytophthora parasitica
Pseudoperonospora cubensis
Pseudopeziza medicaginis
Puccinia asparagi
Puccinia chrysanthemi
Puccinia cynodontis
Puccinia heterospora
Puccinia sorghi
Puccinia tageticola
Pythium debaryanum
Ravenelia arizonica
Scleropycnium aureum
Sclerotium rolfsii
Septoria apii
Speira cymbidii
Sphacelotheca cruenta
MEXICO—Continued.
Sphacelotheca sorghi
Sphaerotheca pannosa
Tilletia caries
Uromyces caryophyllinus
Uromyces striatus
Uromyces striatus medicaginis
Ustilago maydis
Ustilago tritici
Verticillium albo-atrum
MOROCCO:
Puccinia coronata
NEW CALEDONIA:
Colletotrichum lagenarium
NEW HEBRIDES:
Botrytis allii
NEW ZEALAND:
Aphelenchoides parietinus
NORTH AFRICA:
Leptostroma donacis
NORTH IRELAND:
Botrytis narcissicola
PANAMA:
Botrytis allii
Dematium pullulans
PORTUGAL:
Claviceps purpurea
Eurotium herbariorum
Mycosphaerella tulasnei
Nigrospora sphaerica
Phyllosticta amicta
Puccinia coronata
Puccinia glumarum
Puccinia rubigo-vera
Rhizoctonia bataticola
Septoria secalis
Septoria tritici
Stemphylium botryosum
Uromyces fabae
PUERTO RICO:
Cordana musae
Gloeosporium mangiferae
QUEENSLAND:
Cerebella andropogonis
SCOTLAND:;
Diaporthe controversa
Plasmodiophora brassicae
SICILY:
Puccinia anomala
Puccinia coronata
Puccinia glumarum
SOUTH PACIFIC:
Diplodia cococarpa malaccensis
Diplodia theobromae
Endocalyx melanoxanthus
Scirrhia bambusae
SPAIN:
Septoria secalis
TASMANIA:
Gloeosporium fructigenum
UNION OF SOUTH AFRICA:
Bacterium citri (?)
Phyllachora nervisequia
UNKNOWN:
Bacterium savastanoi
Botrytis narcissicola
Coniothyrium concentricum
Ditylenchus dipsaci
Endocalyx melanoxanthus
Leptosphaeria heterospora
Mycosphaerella iridis
Physalospora orchidearum
Puccinia coronata
Sphacelotheca sorghii
Trochila ilicis
Ustilago hordei
Ustilago tritici
URUGUAY:
Elsinoe australis
VENEZUELA:
Diplodia paraphysaria
Gloeosporium cattleyae
Macrophoma opuntiicola
Sphaerotheca pannosa (?)
Uredo epidendri

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